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1908

S. L. Lamberd Company



111-113 & 115
Light Street.

BALTIMORE,
MD.

FARM MACHINERY
SEEDS, FERTILIZERS,
BUGGIES ETC.

Special Notice.

Complaints made that seeds are not good should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before they appear, wet weather, cold weather, frosts, chemical changes in the seed induced by temperature, etc. Soil preparation for the reception of seed is very important; if not properly done seed with very high germination is bound to perish. For all these reasons it is impossible to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seed, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. However, we cannot afford to send out seed, the reliability of which is doubtful. Our reputation is staked on every pound of seed we sell

Table Giving Quantity of Seed Usually Sown to an Acre and Weight per Bushel.

VEGETABLE SEED.		AGRICULTURAL OR FIELD SEED.	
Weight Per Bush.	Quantity Per Acre.	Weight Per Bush.	Quantity Per Acre.
	Asparagus.....	48 lbs.	Barley, broadcast.....
60 lbs.	Beans, Dwarf, in drills.....	46 lbs.	Broom Corn, in hills.....
60 lbs.	Beans, Pole, in hills.....	48 lbs.	Buckwheat, broadcast.....
	Beet, in drills.....	56 lbs.	Corn, in hills.....
	Cabbage, in beds, to transplant....	56 lbs.	Corn, for soiling.....
	Carrot, in drills.....	60 lbs.	Clover, Alsike.....
	Celery, to transplant.....	60 lbs.	Clover, Red, alone.....
	Corn, in hills (Sugar).....	60 lbs.	Clover, White, alone.....
	Cucumber, in hills.....		Clover, White, with other seeds....
	Kale.....	60 lbs.	Clover, Lucerne, alone.....
	Melon, Musk.....	60 lbs.	Clover, Scarlet.....
	Melon, Water.....	56 lbs.	Flax, broadcast.....
	Mangel Wurzel.....	14 lbs.	Grass, Blue, alone.....
	Onion, in drills, to make large	48 lbs.	Grass, Hungarian.....
	Onions.....	20 lbs.	Grass Lawn.....
	Onion Seeds for small sets....	14 lbs.	Grass, Orchard.....
	Parsnips, in drills.....	10 lbs.	Grass, Red top (chaff seed).....
60 lbs.	Peas, early, in drills.....	32 lbs.	Grass, Red top (fancy seed) 20 to 25 lbs.
60 lbs.	Peas, Marrowfat, in drills.....		Grass, R. I. Bent.....
56 lbs.	Peas, Wrinkled variety.....	45 lbs.	Timothy.....
	Radish, in drills.....	50 lbs.	Millet.....
	Radish, broadcast.....	32 lbs.	Oats, broadcast.....
	Salsify, in drills.....	60 lbs.	Peas, broadcast.....
	Spinach, in drills.....	60 lbs.	Potatoes, cut tubers, in drills.....
	Squash (bush), in hills.....	56 lbs.	Rye, broadcast.....
	Squash (running), in hills....	48 lbs.	Sorghum.....
	Turnip, in drills.....	60 lbs.	Vetches, broadcast.....
	Turnip, broadcast.....	60 lbs.	Wheat, broadcast.....
	Tomatoes, to transplant.....	60 lbs.	Wheat, in drills.....
			Clover } together { 8 lbs. Clover.
			Timothy } for { 10 lbs. Timothy.
			Red Top } one acre. { 14 lbs. Red Top.

Special Prices to Market Gardeners and Buyers of Large Quantities.

PRESS OF KOHN & POLLOCK, INC., BALTO.

INTRODUCTORY



IN presenting to you our New Catalogue we have endeavored to embrace therein all that may be needed by the farmer, or gardener, both in seeds and machinery, with the assurance that all we offer is of the best.

Our seed department is managed by one whose years of experience is a guarantee that only fresh seeds, and of the best varieties, are offered to our customers.

The farm machinery is up to date, and the most modern that can be put on the market.

We take pleasure in showing our line of Pleasure Vehicles of every description, and those best suited to the need of the public.

The large and commodious warehouses enable us to display a full line of our goods, thus placing them before the trade as no other house can do.

Our lines of interest to the Suburban trade will amply repay a visit of inspection, as we have aimed to carry a class of goods that cannot fail to please this trade, especially in Lawn and Golf Mowers.

We appreciate the orders you have favored us with in the past, and look confidently forward to a continuance of your trade.

ITEMS OF INTEREST TO BUYERS.

New customers who have no commercial rating must send with their orders, cash or satisfactory reference—Baltimore References preferred.

All prices in this catalogue are subject to change, without notice.

When cash accompanies order one dozen five-cent seed packets will be furnished for fifty cents, or thirty packets for one dollar.

Special prices to market gardeners and buyers of large quantities.

We pay postage on packets, ounces and quarter-pounds. Postage must be added to catalogue prices at the rate of 8 cents per pound when seeds are ordered in quantities of half-pound and upward; add postage for beans and peas at the rate of 15 cents per quart, and to corn 10 cents per quart to catalogue prices.

We sharpen and repair Lawn Mowers, also all kinds of farm machinery.

When sending orders always sign your name distinctly, with full address. Specify whether you wish your goods shipped by freight or express, naming route.

Send your remittances by draft, money order or registered letter.

Deutsche Correspondenten. Deutsch sprechende Kunden werden höflichst ersucht ihre Bestellungen in deutscher Sprache einzusenden, und werden dieselben auf das Sorgfältigste ausgeführt.

S. L. LAMBERD COMPANY'S Reliable Vegetable Seeds

FOR MARKET AND HOME GARDENS.

Tested and Reliable Seeds, Grown from Choice Stocks. Seeds that will Grow.

ALL PRICES IN THIS CATALOGUE SUBJECT TO MARKET CHANGES.

ARTICHOKE. (Ger.) Artichoke.

LARGE GREEN GLOBE. The best for general culture. The undeveloped flower-heads are used. They are boiled and served with Mayonnaise dressing. Sow seed early in Spring, in drills 1 foot apart. The next Spring transplant to permanent beds, in rows or hills, 3 feet apart and 2 feet between the plants. It likes a deep, rich, moist, loam, and the plants should be protected in Winter by a covering of leaves or course manure. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

JERUSALEM ARTICHOKE ROOTS. This variety is not produced from seed. They are sometimes used as a table vegetable, but their greatest value is for feeding stock. Qt., 15c.; pk., \$1.00; bu., \$3.00. Special prices in larger quantities.

ASPARAGUS. (Ger.) Spargel.

ONE OUNCE WILL SOW FORTY FEET OF DRILL, 15 LBS. TO ACRE.

CULTURE. In early Spring sow the seed, after soaking it twenty-four hours in warm water, in drills 1 foot apart, and 1 inch deep. The soil should be very rich and well worked. Later, thin the plants to 3 or 4 inches apart in the rows and cultivate often through Summer; transplant the following Spring into permanent beds, deeply trenched and well mixed with decayed manure.

BARR'S MAMMOTH. This is a favorite variety. The stalks are large, frequently an inch in diameter and have close, round heads. Extra quick growing and of excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PALMETTO. Plants are strong and vigorous in growth, producing large, quick, dark-green shoots with a distinctly pointed head. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

COLUMBIAN MAMMOTH WHITE. While the green stalked varieties are the most tender and best flavored, yet on account of their appearance the white varieties are preferred by some, especially by canners. The Columbian Mammoth is undoubtedly the best of the white varieties. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

ASPARAGUS ROOTS.

CULTURE. Mark out rows for field culture six feet apart with a two-horse plow, going twice in a row, getting row as deep as possible without getting in the yellow soil, spread in row good, well-rotted manure or fertilizer, drop on manure about ten inches apart (eye up) good two-year-old roots, cover with a hoe about two inches. In about two or three weeks the Asparagus will be up enough to cultivate; work same as any other field crop, gradually working in soil as season advances; naturally it will work itself in; the following Spring plow off with a one-horse plow, very shallow, so as not to cut the crowns, and work same as previous season; the next season your bed will be ready for cutting for market; simply plow off same as season before, then turn in large double with a two-horse plow and rake off the top and your bed is completed, and you can cut every day till July 4th. A bed made this way will last for twenty years. For a garden, follow same plan; but, as the gardens are generally very rich, you can plant much closer, and work by hand instead of horse and plow. Plant March, April or May.

Prices of two-year-old roots of any of the varieties mentioned above: Per doz., postpaid, 30c.; per hundred, 90c.; per thousand, \$4.50.

BROCCOLI. (Ger.) Spargel Kohl.

This plant is very closely allied to the cauliflower, the variation being very slight. It is generally considered rather more hardy, however. In growing Broccoli, a seed-bed should be prepared, and the seed sown in May. The plants will be ready to transplant late in June or early in July, and should be set in very rich, mellow ground, in rows about two and a half feet apart, leaving eighteen inches between the plants. In cool, moist Fall weather it thrives well.

EARLY LARGE WHITE. Heads medium size, close and compact. One of the most certain to head. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

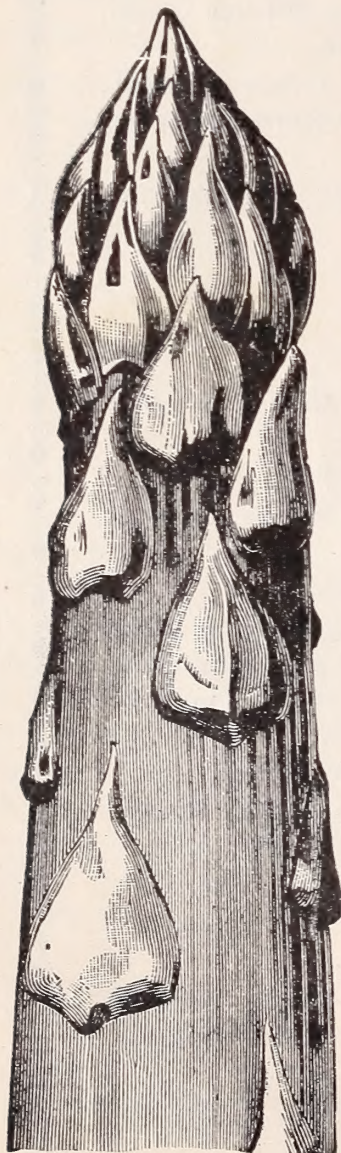
EARLY PURPLE CAPE. Rather hardier sort, with greenish-purple heads, good flavor. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

BORCOLE, OR KALE. See Kale, Page 11.

BRUSSELS SPROUTS. (Ger.) Sprossen Kohl.

A species of the cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as cauliflower. The seed should be sown about the middle of May, in a seed-bed, and the plants afterwards set in rows two feet or more apart, and cultivated like cabbage. This vegetable does not require extremely high cultivation, however. It is ready for use late in Autumn, after the early frosts.

IMPROVED DWARF. Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.



PALMETTO ASPARAGUS

A Trial Order Will Convince You of the Superiority of Our Garden Seeds.

Dwarf Green Pod Snap Beans.

(Ger.) Gruene Bohnen—Busch Sorten.

One Quart will plant One Hundred Feet of Drill.

Culture. For a succession, sow when apple is in bloom and repeat as often as is necessary until within fifty days of frost. In field culture sow in drills at two and one-half feet apart. In the garden the rows need be only eighteen inches. The seed should be sown so the vines stand four inches apart.

Burpee's Stringless Green Pod. Earlier than Valentine and stringless. Remains tender and crisp long after maturity. Pods are pale green, long and straight, round and meaty. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.00.

Mammoth Stringless Green Pod. Larger than the above, but not so early. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.00.

Black Valentine. Very hardy with a capacity for resisting unfavorable weather and disease. Long, straight, green pods of fine quality, and enormously productive. Ready in 50 days from sowing for market. Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.00.

Dwarf Horticultural, or Red Cherry Bean. A green, flat, thick-podded variety, used as a snap and also shell bean. For the latter it is one of the finest in general use, very productive and medium early. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.50.

Hopkins Extra Early Red Valentine. One of the best. Pods are smooth, round and thickly set. Very productive, little top growth. Pt., 15c.; qt., 25c.; pk., \$1.00; bu., \$3.50.

Extra Early Refugee. Early as the Valentine and very popular. Round pods of very good quality. Pt., 15c.; qt., 25c.; pk., \$1.00; bu., \$3.50.

White Navy. A well-known field variety. Qt., 15c.; pk., 90c.; bu., \$3.25.

DWARF WAX POD SNAP BEANS.

(Ger.) Wax Bohnen.
Busch Sorten.

Wardwell's Kidney Wax. Very popular. Vigorous, hardy and productive. Large, smooth, showy pods, almost rustless. Color early and evenly to a rich golden yellow. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.50.

Prolific German Black Wax. Good yielder, extra early, long round pods. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.50.

Currie's Rust Proof Black Wax. The earliest. Habit, upright and robust, holding their pods well from the ground; foliage remarkably vigorous and healthy; pods long, flat and straight, beautiful golden color, unequalled for productiveness. Pt., 15c.; qt., 25c.; pk., \$1.10; bu., \$4.00.

Golden Wax. Early, pods long, brittle and free from strings. A well known and popular variety. Pt., 15c.; qt., 25c.; pk., \$1.10; bu., \$4.00.

New Davis. Very productive variety. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.50.

New Hodson Wax. So far this is the finest flat-pod wax bean on the market. Remarkable rank grower, very productive, entirely free from rust. Pods average about 7 inches; not quite so early as Currie's or Davis. Pt., 20c.; qt., 30c.; pk., \$1.50; bu., \$5.00.

POLE BEANS. (Ger.) Stangen Bohnen.

Golden Carmine. A pole bean of sterling merit. Golden, mottled and streaked with carmine. Pt., 20c.; qt., 30c.; pk., \$2.00.

Horticultural. Pods green, dashed with red. Very showy. Pt., 20c.; qt., 30c.; pk., \$1.50.

Kentucky Wonder, or Old Homestead. Very prolific, large pods. Pt., 20c.; qt., 30c.; pk., \$1.50.

Lazy Wife's, or White Cherry. Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a snap-bean; also a good, white shell-bean for Winter. One of the very finest flavored. Pt., 20c.; qt., 30c.; pk., \$1.50.



HOPKINS EX. EARLY RED VALENTINE

Lima Beans. Pole Varieties.

(Ger.) Lima Bohnen. Stangen Sorten.

Culture. These require poles 8 to 10 feet long. The beans should be planted the middle of May if the season is suitable. Set poles 4 feet apart each way, and plant 4 to 6 beans, about 1 inch deep, around each pole. Thin out to 3 plants to a pole, if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below. Lima Beans for early use may be grown in frames and transplanted.

✓ **King of the Garden.** Vigorous grower, bearing large pods, 5 to 8 inches long. Beans large and of rich flavor. Pkt., 5c.; pt., 15c.; qt., 25c.; pk., \$1.75; bu., \$6.00.

✓ **Extra Large White.** The old favorite for home use or market. Our stocks are carefully selected. Pkt., 5c.; pt., 15c.; qt., 25c.; pk., \$1.75; bu., \$6.00.

✓ **Dreer's Imp., or Potato Lima.** Beans round and thick, delicious flavor, easy to shell, immense cropper. Pt., 15c.; qt., 25c.; pk., \$1.75; bu., \$6.00.

✓ **Siebert's Early Lima.** Of late introduction, very fine, immense beans, which retain their green color a long while. Pt., 15c.; qt., 30c.; pk., \$1.75; bu., \$6.00.

✓ **Ford's Mammoth Podded.** The largest of all limas. Pods contain from five to seven beans; vine grows vigorously, and bears until frost. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$6.00.

LIMA BEANS. Bush, or Dwarf Varieties—Busch Sorten.

Culture. Plant in rows 2 feet apart, and about 1 foot apart in the rows.

✓ **Burpee's Bush Lima.** The true bush form of the old large lima. Strictly dwarf, comes true from seed, stout, erect growth, very prolific, beans of large size. Pkt., 5c.; pt., 15c.; qt., 25c.; pk., \$1.75; bu., \$6.00.

✓ **Henderson's Dwarf Lima.** Very prolific. Beans are small, but their flavor is excellent. Pkt., 5c.; pt., 15c.; qt., 25c.; pk., \$1.75; bu., \$6.00.

✓ **Dreer's Bush, or Potato Lima.** Produces a medium size thick bean of fine quality. An abundant yielder. Pkt., 5c.; pt., 15c.; qt., 30c.; pk., \$1.75; bu., \$6.00.

ENGLISH, or BROAD WINDSOR BEANS.

(Ger.) Sau, oder Grosse Bohnen.

A bean similar to lima beans, but of a different flavor and larger. Should be planted early, as they are very hardy. **Culture,** same as Bush Lima, only plant thinner. Pt., 20c.; qt., 35c.; 4 qts., \$1.25.

TABLE BEETS. (Ger.) Rothe, Rueben, oder Beten.

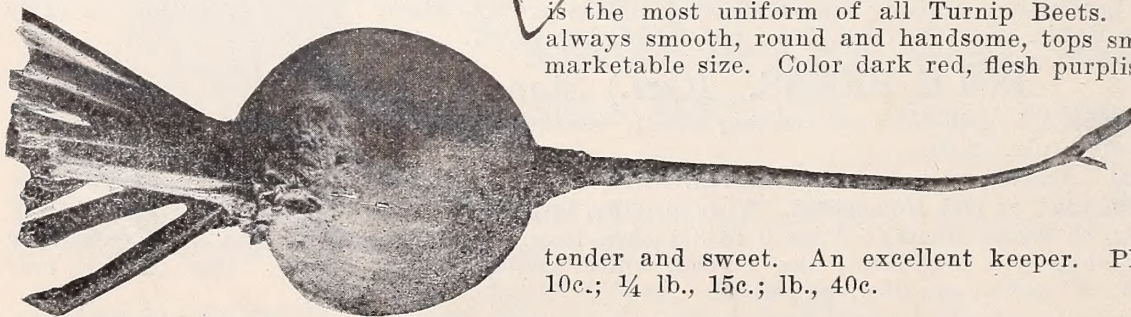
One Ounce of Seed sows Sixty Feet of Drill, Five Pounds will sow an Acre in Drills.

Culture. The soil best suited to the culture of the beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hotbeds and transplant; but for main crop sow in the Spring as soon as the ground becomes fit to work, in drills eighteen inches apart and two inches deep. For Winter use sow as late as June. When the plants have attained three or four inches in height, thin out so that they stand five or six inches apart. Keep free from weeds. Before freezing weather sets in, the roots may be stored in cellars or pits, same as potatoes; dry earth thrown over them before the straw and earth covering is put on insures their keeping over Winter. Be careful not to bruise them in handling.

✓ **Extra Early Flat Egyptian.** Maturing in an incredibly short time. Bulbs half-globular, or flattened at the poles; roots very slim, skin smooth, leaves red and green, flesh quite dark. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

✓ **Crosby's Improved Egyptian.** Very desirable. Thicker in body than the Egyptian, small necked and dark fleshed. Fine for early market. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

✓ **Edmand's Blood Turnip.** This beet, of American origin, is the most uniform of all Turnip Beets. The root is always smooth, round and handsome, tops small, of good marketable size. Color dark red, flesh purplish-red, crisp,



ECLIPSE BEET

tender and sweet. An excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.



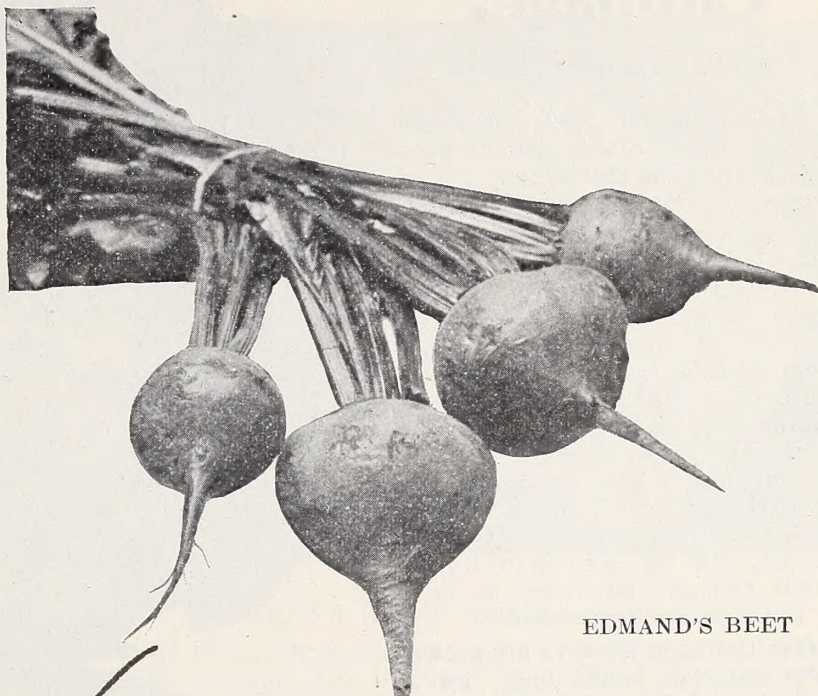
KING OF GARDEN
LIMA BEANS

Table Beets—Continued.

✓ **Extra-Early Eclipse.** Very early handsome, smooth, dark, round-shape beet. Small top, and of excellent table qualities. Makes an attractive seller in market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

✓ **Detroit Dark Red.** A blood-red, early, turnip-shaped variety. Has small, upright tops; fine round shape. Skin and flesh dark blood red. Very tender and sweet. Remarkably uniform in growth, and a particularly desirable sort for truckers and market gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

✓ **Early Market.** A fine strain of turnip-shaped beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained tender and remaining so for a long time. Admirable for either early or late. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 45c.



EDMAND'S BEET

✓ **Dirigo.** A new variety, valuable on account of its earliness. It has a small top, slender stems and smooth skin. The color of the flesh is uniformly dark crimson, with beautifully marked rings. The flesh is crisp and sweet. It is flattish-round in shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

✓ **Swiss Chard, or "Spinach Beet."** Large Ribbed White. This variety does not make edible roots like the regular garden beets, but is grown for the broad white leaf-stalks, which are bunched and cooked in the same manner as asparagus, and make a delicious Summer vegetable. The young leaves may be gathered also and cooked like spinach, and by many are considered more delicious in flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

BEET (Mangel-Wurzel). (Ger.) Runkel Rueben.

Used for Feeding Cattle.

Sow 5 lbs. per Acre.

Culture. Sow in April and May in thoroughly plowed, well-manured soil, in drills two inches deep and about eighteen inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzel.

An ever-increasing acreage is being planted for stock beets, because of the wonderful results by feeding them as shown by the reports of our Experiment Stations and leading farmers and stockmen. Fattening, breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Hog cholera is prevented by their use. Where many are grown a good drill and cultivator are needed. **Five pounds sows an acre.**

✓ **Mammoth Long Red.** This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to forty pounds. It is the best long red mangel and very valuable for stock feeding. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.; 5 lbs., \$1.00.

✓ **Golden Tankard.** The best long yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.; 5 lbs., \$1.00.

✓ **Improved Imperial White Sugar Beet.** An improvement on the other varieties of sugar beets, hardier, and containing a greater percentage of sugar. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.; 5 lbs., \$1.00.

✓ **Lane's Improved White Sugar.** This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.; 5 lbs., \$1.00.

LONG RED
MANGEL

Cabbage.

(Ger.) Kopf Kohl.

One Ounce of Seed to 2,500 Plants; Four Ounces should provide Plants for One Acre.

Culture. For very early use sow in January or February in hotbeds; pick out when the plants are strong enough into other hotbeds, or sow in cold frame in March; transplant when danger from killing frosts is passed to the open ground in rows two feet apart and eighteen inches in the row. For a succession, sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames, sow the seed in well-prepared, rich ground, from the 10th to the 25th of September.

Our Cabbage Seed is all grown from selected heads only, by a specialist on Long Island.

Eureka First Early. As claimed by the introducer of the **Eureka First Early**, in comparison with **Early Jersey Wakefield**, that it is heavier, hardier, earlier, and, in addition, has a flat head, our many trials of this variety proved to be true. We had heads fit for market five days earlier than the **Early Jersey Wakefield**. Its shape and excellent table qualities make it a favorite with consumers. It is a cabbage of excellent constitution, healthy, and not subject to disease, a reliable header, extra early, and a sure and productive cropper. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Selected Early Jersey Wakefield. We consider this variety the best of all earlies. It is by far the most popular sort of its class, and although introduced years ago, is still the standard. The heads are conical in shape. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Extra Early Express. An extra early sort, in which the plants are compact, with round, thick leaves that form an oval head, which is astonishingly large for the size of the plants. The heads are comparatively thicker and less pointed than those of the **Jersey Wakefield**, and are only slightly later than those of that sort. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Early York. Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



EUREKA, OR FIRST OF ALL



Charleston, or Large Wakefield. Five or six days later than **Jersey Wakefield**. Nearly one-half larger, compact in growth, stands well. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Early Winningstadt. An improvement over the old **Early York**. Conical heads of good quality. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

New Early. If a gardener or amateur were to plant but one variety of cabbage, he could get none that would answer all purposes as well as the **New Early**. For uniformity, reliability of heading, size, earliness and quality it has no equal. It is also very profitable, since the outer leaves are so few, a close planting can be made, and 1,000 more cabbages per acre be grown than from seed of other sorts. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

All Head Early. The deep, flat heads are very solid and uniform in size. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Improved Early Summer. Large, solid, sure header, second early. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Special Prices to Market Gardeners and Buyers of Large Quantities.

Cabbage—Continued.

✓ **Early Dwarf Flat Dutch.** An excellent second early variety, producing fine, large heads. Of fine quality and resists heat well. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **Succession.** A good second early round-head variety. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **All Seasons.** (Vandergraw.) Fine large heads of superior quality. Nearly as early as the Early Summer. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **The Lupton.** A Grand Cabbage, combining the second early and late sorts. Strong in constitution, perfect in type, with all the fine qualities of early maturing varieties. The stalk is short; color, dark green; very large heads in proportion to the plant. Grows uniform, heads good, and is a splendid keeper. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



SELECT EARLY JERSEY WAKEFIELD

✓ **Large Late Flat Dutch.** Large excellent heads, broad, thick and flat. Fine for Winter use. Well covered by leaves lapping across the center. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **Surehead.** A fine strain of late Flat Dutch, having great reliability for heading. Heads are large and of good texture. Keeps well. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **Large Late Drumhead.** A favorite Winter variety. Desirable for shipping as it stands transportation well. Very large and heavy. Excellent quality. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **Danish Ball Head.** This most excellent variety of cabbage, coming from Denmark, has grown very rapidly into favor with both market and private gardeners. It is a large, round, solid heading, medium early variety; a very sure header, having few loose leaves, consequently can be planted very close together. Although a medium early, can also be grown for a Fall and Winter crop, being one of the best keepers. Pkts., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

✓ **Perfection Drumhead Savoy.** The Savoy Cabbages are very tender and of fine flavor; very much superior in this respect to the ordinary late Fall and Winter cabbage. Should be much more largely grown, both for home use and for market. The strain of Perfection Drumhead Savoy which we offer makes large sized heads of most superior quality, and truckers and private gardeners alike will find it an excellent variety. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

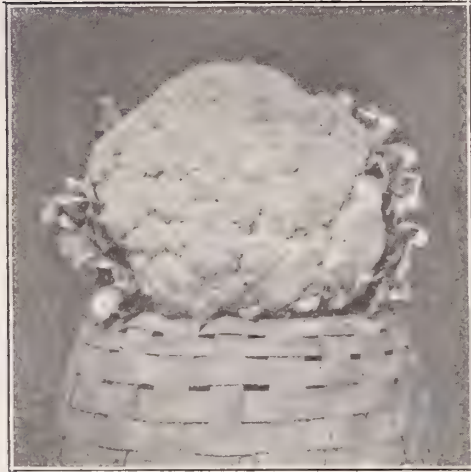
✓ **Mammoth Rock Red.** Heads as large as Large Late Flat Dutch, deep red to center; highly recommended. Hard as a rock. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



S. L. LAMBERD CO.'S PERFECTION DRUMHEAD SAVOY

Cauliflower. (Ger.) Blumenkohl.

One Ounce of Seed to 1,500 Plants.



EARLY SNOWBALL CAULIFLOWER.

Culture. Sow the seed in a hotbed in January or February and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, two and a half feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hotbed culture. Pkts., 10c., 25c. and 50c.; oz., \$2.00.

Select Early Dwarf Erfurt. Of highest excellence, and for field culture not much surpassed by any type of newer name. Some so-called new varieties appear to be identical with Select Erfurt. Pkts., 10c., 25c., 50c.; oz., \$2.00.

Carrot. (Ger.) Moehren.

One Ounce to 100 Feet of Drill, Three Pounds to the Acre.

Culture. A light, sandy loam, well tilled and manured the previous year best suits the carrot; for early crops sow as early as the ground can be worked, in drills ten inches apart, and thin to five inches in the row.

Chantenay, Pride of the Market. The Best Bunching Carrot. This is the best early carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump-rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

Early Scarlet Horn. A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching for market and is sometimes forced. A fine table carrot and when pulled young is excellent for soups. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Ox-Heart, or Half-Long Guerande. (Stump-rooted.) An intermediate between the Half-Long and the Horn varieties, attaining a diameter of four inches at the neck; of beautiful shape, rich orange color, extra fine quality, productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Danver's Half-Long. The best variety for general crop; is of rich orange color, a very heavy yielder and splendid keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Improved Long Orange (Nichol's). Earlier than the old long orange; deep orange-red color, smooth root, short top, adaptable to all soils and very productive. A good variety for stock and Winter use, as it is a good keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



NICHOLS IMPROVED
LONG ORANGE CARROT.

Our Seed Stocks are from the Best Growers in the Country.

Celery. (Ger.) Sellerie.

One Ounce will produce about Two Thousand Plants.

CULTURE. Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and, when large enough, blanch by earthing-up. The first operation is that of "handling," generally done the beginning of September; after the soil has been drawn up with the hoe it is drawn closer around each plant by the hand, to keep the leaves firm, in an upright position and prevent spreading. When the plants have become set in an upright position the celery wanted for early use should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth up nearly to the tops of the plants.

GIANT PASCAL. The stalks are very large, thick, solid, crisp and of a rich, nutty, flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

GOLDEN HEART. Largely used, always giving satisfaction; a showy sort; solid, of fine flavor and a good keeper. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

PERFECTION HEARTWELL. One of the best varieties, fine flavor, crisp and tender, stalks long, thick and compact, golden yellow heart. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

BOSTON MARKET. A short, bushy, white, solid, excellent flavored, market variety, constantly increasing in demand. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

GIANT PRAGUE CELERIAC. (Prager Riesen Sellerie). This is unquestionably the largest and best Celeriac in existence. The roots are very large, twice as large as the Erfurt, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CORN SALAD. (Ger.) Acker Salat.

Sow in Spring, in drills 1 foot apart; it will mature in six to eight weeks. For Winter and early Spring use, sow in drills in August and September.

LARGE LEAVED. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

CRESS. (Ger.) Kresse.

CURLED OR PEPPER GRASS. The best sort for dry soils. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.

WATER CRESS. Requires running water, ditch or pond. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

CHERVIL. (Ger.) Gartenkerbel.

CURLED OR DOUBLE. For garnishing, also as greens for soups. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 60c.



FRENCH GOLDEN
SELF-BRANCHING

WINTER QUEEN.

This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

PINK PLUME.

Very solid and crisp, extra early and a long keeper. A self-blanching variety, and requires but a slight earthing-up or banking. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

WHITE PLUME.

Unsurpassed for Fall and early Winter use, requiring very little earthing-up to blanch it. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

FRENCH GOLDEN SELF-BLANCHING.

For early use; preferred by many to all other sorts; as self-blanching as White Plume, and simply needs a slight earthing-up. The entire plant is an attractive yellowish green, and as it approaches maturity the inner stems and leaves become a beautiful waxy golden color. Grows to good size, very tender, crisp and solid, and when well grown is of excellent quality and very beautiful. Pkt., 5c. and 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

CELERIAC. (Ger.) Knollen Sellerie.

TURNIP-ROOTED CELERY. This popular German vegetable is worthy of more extended use. Keeps well all Winter. It is much used in salads, and boiled like parsnips or turnips it is a great favorite with all lovers of Celery.

Sweet or Sugar Corn. (Ger.) Zucker Corn.

One Quart will plant Two Hundred Hills, Eight to Ten Quarts for an Acre in Hill.

Culture. The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. Extra early varieties can be planted eighteen inches in the row and two and a half feet between the rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

Extra Early Adams. Height of stalk three to four feet, ears set within six inches of ground. Not a sugar corn, but a decided acquisition so early in the season. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.00.

Early Adams. Similar to Extra Early Adams; larger, but not so early. Pt., 15c.; qt., 25c.; pk., \$1.25; bu., \$4.00.

Golden Bantam. A new introduction. A true sugar corn. The grain when ripe is a bright golden yellow, the flavor is exceptionally rich and sugary. Produces from one to two good ears to the stock. Pt., 25c.; qt., 40c.

Black Mexican. An old favorite, being very tender and sweet. Pt., 25c.; qt., 40c.

Crosby's Early. A favorite variety, very early, productive, ears rather short and of a rich, sugary flavor.

Early Champion. Produces large ears, generally having about twelve rows of beautiful, white, milky grains, which are very tender and sweet, and remain so for quite a period.

White Cob Cory. A decided improvement over the old Red Cob Cory. Grains large and white and of remarkable good quality.

New Early Evergreen. A splendid variety to come in between the early and late sorts, and is destined to become as popular as Stowell's Evergreen.

Early Mammoth. Large ear, and early; splendid early market sort. Ear, 10c.; doz., \$1.00.

Stowell's Evergreen. Matures for table in about eighty days from germination. One of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety.

Late Mammoth Sugar. The strongest growing of all sugar corns. Takes eighty-five days to reach maturity for table. The ears are very large and showy.

Prices of the above seven varieties: pt., 20c.; qt., 35c.; pk., \$2.50; bu., \$8.00.

Country Gentleman, 70 Days. A short-stalked, productive sort. Ears large for so small a stalk; grain narrow and very deep, after form of Shoe Peg; excellent quality.

Premo. One of the finest early that grows.

Metropolitan. Runs a close second to the above.

Prices of the above three varieties: pt., 25c.; qt., 40c.; pk., \$2.50; bu., \$9.00.



METROPOLITAN

Prices Subject to Change Without Notice.

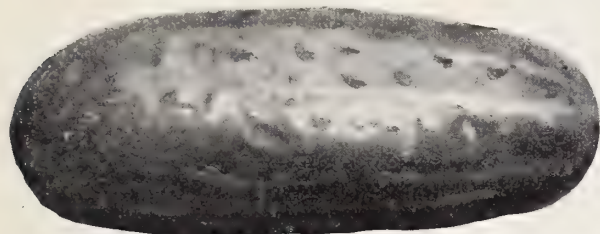
Cucumber. (Ger.) Gurke.

One Ounce will plant Fifty Hills, Two Pounds will plant One Acre.

Culture. For very early cucumbers, sow the first of April in a hotbed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills about four feet apart each way; thin out to four of the strongest plants to each hill. They succeed best in a warm, moist, rich, loamy soil.

Livingston's Evergreen. A very strong grower, very early, bears firm, crisp fruit which is excellent for slicing or pickling. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Jersey Pickle. Productive, and said to "green" better than any other variety, and to "hold color." Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.



IMPROVED WHITE SPINE CUCUMBER

Improved Early White Spine. Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, light green, with a few white spines; flesh crisp and of fine flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c. Special prices on larger quantities.

Improved Long Green. Long and crisp; a popular and reliable variety for pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Arlington White Spine. Similar to Imp. White Spine. Price, same.

Early Green Cluster. A short, prickly variety, bearing clusters, prolific. Fine for bottle pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Cool and Crisp. Excellent. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Small Gherkin, or Burr. Used only for pickling while young and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.

Japanese Climbing. Distinct from other varieties, being a real climber, and can be grown on poles, trellises or porches. Very prolific of fruit, which is of dark green color, and of good table qualities. A valuable, interesting novelty. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

English Forcing Telegraph Cucumber. Pkt. of 12 seeds, 25c.

EGGPLANT. (Ger.) Eierpflanze.

One Ounce will Produce about One Thousand Plants.

Culture. Eggplant seed will not vegetate freely without a strong, uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore, repeated sowings are sometimes necessary.

Improved Large Purple Thornless. The leading market variety; of large size, skin deep purple, smooth, free of thorns; flesh white, of excellent quality; very productive. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.



N. Y. IMPROVED
PURPLE EGGPLANT

SWEET, POT AND MEDICINAL HERBS. (Ger.) Kräuter.

Culture. Herbs delight in a rich, mellow soil. Sow seeds early in Spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly where they can dry quickly.

Sage. For seasoning and dressing. Pkt., 5c.; oz., 20c.

Thyme (Broad Leaf). For seasoning, also for making a tea for nervous headache. Pkt., 5c.; oz., 20c.

Sweet Basil. For flavoring soups. Pkt., 5c.; oz., 15c.

Summer Savory. Used for flavoring. Pkt., 5c.; oz., 15c.

Lavender. For flavoring and perfumery. Pkt., 5c.; oz., 25c.

Caraway. Seeds used to flavor bread. Pkt., 5c.; oz., 15c.

Sweet Marjoram. Leaves and ends of shoots used for seasoning. Pkt., 5c.; oz., 15c.

Rosemary. Leaves are used for seasoning. Pkt., 5c.; oz., 30c.

Dill. The seeds are used as a condiment and for pickling. Pkt., 5c.; oz., 10c.



SUMMER SAVORY.

SAGE.

Endive. (Ger.) Endiviern.

One of the most refreshing and attractive of all autumn and winter salads.

CULTURE. Sow seed from the middle of June to the end of August.

GREEN CURLED. Tender and crisp. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

WHITE CURLED. Self-blanching. Very tender when young; blanches readily. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.



A SINGLE PLANT OF BORECOLE

BORECOLE.

HARDY WINTER. This variety is grown and treated like cabbage. The plant attains a height of 18 inches, with an abundance of beautiful light green leaves which are densely curled and crimped. Besides being very hardy it possesses the advantage of all other varieties in forcing a second crop of moss-curved leaves as soon as the first ones are cut. This new growth is of finest quality, and is ready for market during the Winter and early Spring months, when it demands fancy prices. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

KOHL-RABI, or Turnip-Rooted Cabbage.

(Ger.) Kohl-Rabi.

This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. The bulb is formed above ground, and, if used when young and tender, makes a most delicate dish for the table. One ounce will sow 150 feet of drill.

EARLIEST WHITE VIENNA. Greenish-white outside, with clear-white flesh within. Smooth, short leaf; good for forcing; fine quality. Pkt., 5c.; and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

EARLIEST PURPLE VIENNA. Same in every respect as the Earliest White Vienna, except in the outside color. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$2.00

LEEK. (Ger.) Lauch.

ONE OUNCE TO 150 FEET OF ROW.

CULTURE. Sow the seed and care for the young plants same as for Onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose-quill, transplant into a prepared bed in rows one foot apart and four or five inches in the rows. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

GIANT CARENTAN. Produces a large, thick stem, and of mild flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

LONDON FLAG. One of the hardiest and best for Winter use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

WHITE MUSTARD (Ger.) Senf. For salads and culinary purposes. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

BROWN MUSTARD. Stronger than above. Price, same as white.



GIANT CARENTAN LEEK

Prices are Subject to Change Without Notice.

Lettuce. (Ger.) Salat, oder Lattich.

Two Ounces of Seed to a Hundred Yards of Row.

Culture. To have fine lettuce in early Spring, sow in seed bed from commencement to middle of Autumn. During the Winter protect the plants by a box, covered with window or other sash, or with litter as they stand on the ground. Early in the Spring transplant some into rich ground. The others force under the sash. Or in early Spring sow in a hotbed and transplant, but Autumn sown plants are best.

Grand Rapids. Excellent for forcing, fine quality, large, loose, yellowish green head, stands well. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

California Cream Butter. A good Summer sort, of reliable heading quality. Yellowish-green, slightly marked with brown specks. This is a variety growing in favor. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Black-Seeded Tennisball. An early reliable header. Compact in growth, the leaves close set and slightly bloated or savoyed. Color, a whitish green. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Black-Seeded Simpson (Curled). A very popular sort. Fine for home market, but not so desirable for shipping as Grand Rapids. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

White-Seeded Simpson. Similar to the above. Price, same.

Early May King. This valuable new lettuce from Germany is, without any question, one of the best lettuces on the list for early Spring planting in the open ground. The heads are 6 to 7 inches in diameter, of a clear light green, the outer leaves being slightly tinged with brown, the inner being clear, bright yellowish, with very rich, oily flavor. It is an excellent market sort, the round, compact heads being so solid that they carry extremely well. Pkt., 5 and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Imp. Hanson. Large, compact, reliable header. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Trianon Cos, or Celery Lettuce. Price, same as above.

Big Boston. Resembles Boston Market, but nearly twice as large, desirable for forcing and Spring and Fall outdoor planting. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Boston Market, or White-Seeded Tennisball. Early and compact, quite desirable. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Oak Leaf. Quite popular. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Deacon. A big, compact head. Has no core, but a tender, golden heart. Unexcelled for shipping; it resists the cold, and withstands the Summer heat. Crisp, mild flavor. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Big Head. Similar to the above. Price, same.

Improved Loaf. Large, compact heads. Light green color; tender and crisp. Pkt., 5c. and 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

White Cabbage. Similar to the above. Price, same.



DEACON LETTUCE

Mushroom Spawn. (Ger.) Champignonbrut.

Culture. Mushrooms can be grown in cellars, sheds, hotbeds, or sometimes in open air. Fermenting horse manure, at a temperature of about 70 degrees, mixed with an equal weight of fresh sod loam, is made into beds the size required, eight inches deep. See to it that the bed is packed solidly and evenly. In this bed plant the broken pieces of Spawn, six inches apart, covering the whole with two inches of light soil, and protect from cold and rain. One brick will plant eight to ten square feet of bed. The mushroom will appear in about six weeks. Water sparingly and with lukewarm water. Price per brick, 25c.; 5 bricks, \$1.10; 10, \$2.00.

Special Prices to Market Gardeners and Buyers of Large Quantities.

Cantaloupe. (Ger.) Melone.

One Ounce will plant about Fifty Hills, Two to Three Pounds in Hills to Acre.

CULTURE. Thrives best in light, rich soil. Plant early in May, in hills six feet apart. Manure in hill and sow seed freely. After danger from bugs is past thin to three plants per hill. When one foot long, pinching off tips makes vines branching and strong, and fruit will mature earlier. Water freely and feed liquid manure occasionally. For early use, sow in hot bed, on pieces of sod.



ROCKY FORD CANTALOUPE

SPECIAL PRICES ON FIVE POUNDS OR MORE.

JENNY LIND. Very early, small, round, netted and of fine quality; green fleshed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

ROCKY FORD. We have a very fine stock of this popular Cantaloupe. Small, oval, of excellent quality and a good shipper; early; green fleshed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

EARLY NETTED GEM. One of the best of small melons, and very popular. Prolific and of excellent quality. Very early. A great favorite. Green fleshed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

EMERALD GEM. Small, green skin, delicious yellow flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

ACME, OR BALTIMORE NUTMEG. A great favorite for retail market and for shipping. Large, oval, deeply netted, solid and of fine quality. Green fleshed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

OSAGE. A large yellow-fleshed variety of fine quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

HACKENSACK, OR TURK'S CAP. A very fine, large sort; green fleshed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

MILLER'S CREAM, OR OSAGE. Melons are large and round, with light green, netted skin, and thick,

sweet, salmon-colored flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

ROSE GEM. A fine, green-fleshed variety, excellent for shipping, oblong, somewhat larger than Rocky Ford. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

NEW GREEN-FLESHED OSAGE. One of the best green-fleshed varieties. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

IMPORTED VARIETIES FOR FORCING IN GREENHOUSE.

BLenheim ORANGE. A favorite variety, scarlet flesh, good flavor. Pkt., 25c.

WINDSOR CASTLE. Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25c.

WATERMELONS. (Ger.) Wasser Melone.

ONE OUNCE FOR THIRTY HILLS, FOUR TO FIVE POUNDS FOR AN ACRE.

Watermelons should be planted in hills eight to ten feet apart. Otherwise for culture, see directions for Cantaloupes. Special prices in quantities of five pounds or more.

TRIUMPH. Large, oval, handsome dark-green color, fine variety and of excellent quality. One of the finest melons ever introduced.

FLORIDA FAVORITE. Large, long, striped, excellent for family garden. Rind thin, but firm; flesh very deep red and very sweet.

KLECKLEY'S SWEETS, OR MONTE CRISTO. Large, thin rind and crisp sugary flesh. An excellent garden melon, but not recommended for shipping.

McIVER'S WONDERFUL SUGAR. Resembles Old Rattlesnake, superior in quality.

GRAY MONARCH, OR LONG WHITE ICING. Very large, long; crimson flesh.

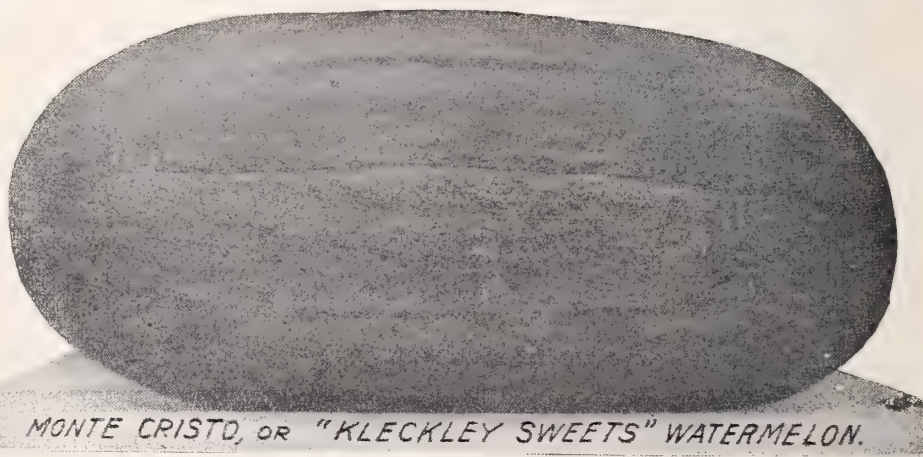
MOUNTAIN SWEET. Popular sort; early and sweet.

KOLB'S GEM. Dark Striped; the great shipping melon.

DUKE JONES. Popular.

Prices of all: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

CITRON. For preserves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



MONTE CRISTO, OR "KLECKLEY SWEETS" WATERMELON.

Choice Vegetable Plants in Season.

Onions. (Ger.) Zwiebel.

One Ounce for 100 Feet of Drill, Six Pounds for One Acre.

Culture. For sets, sow the seeds as early as possible in the Spring, very thickly, in drills. As soon as the tops die off in Summer, remove them to a dry, airy place, and early in the following Spring replant by placing the sets in shallow drills twelve inches apart and about four inches apart in the drills; the Onions by this process obtained are of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills one foot apart and about one-fourth inch deep in March or early April, in strong land, well manured, and thinning them out to stand three or four inches apart in the drills.

By sowing Onion seeds in frames in February or March, and transplanting in April, Onions of immense size can be obtained.

White Portugal, or Silver-skin. Ripens early; of large size, mild in flavor, and excellent for Winter use; much esteemed for pickling when small. Pkt., 5c. and 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Large Red Wethersfield. Grows to full size the first season from seed; almost round, large size, deep red color, and keeps well. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



YELLOW GLOBE DANVERS.

Select Yellow Danvers Globe. Extensively grown as a main crop in many sections. Beautiful golden color; of medium size, quite early, bottom nearly flat, oval top, with small neck; very prolific, and a first-class keeper and shipper. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Bermuda Varieties. They are of a mild and delicate flavor, and keep longer than any foreign variety. Like the Italian varieties, they will produce full-grown Onions from seed the same season. In the South seed sown in the Fall will produce fine large Onions for market in early Spring. **Red Bermuda**—Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$3.00. **White Bermuda**—Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$3.00.

Onion Sets. Onion sets should be planted out as early in Spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. Yellow, qt., 20c.; white, qt., 25c. Bushel prices on application.

OKRA OF GUMBO. (Ger.) Safran.

Four Ounces to 100 Feet of Drill.

Grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. **Culture.** Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

Perkins Long-Pod. Handsome, large green pods. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

White Velvet. Large, round, smooth pods; very productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Dwarf Green Prolific. Early, productive. Short thick pods. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Special Prices to Market Gardeners and Buyers of Large Quantities.



MOSS CURLED PARSLEY

Large Sugar, or Hollow Crown. The best variety. A great cropper, roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt., 5c., oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

PEPPERS. (Ger.) Pfeffer.

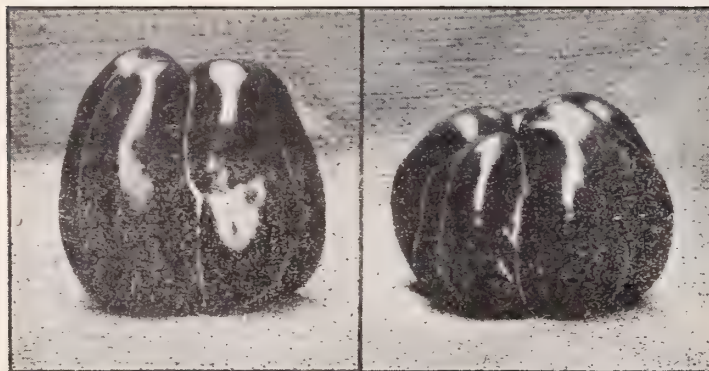
One Ounce will Produce 1,000 Plants.

Sow in hotbeds in March or April, or on a warm, sheltered border in May, and when the season is favorable, transplant in rows two feet apart and eighteen inches in row, in good, rich ground.

Ruby King. Good for Mangoes or pickling, very sweet. Large, quite productive. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Large Bell, or Bull Nose. Large early variety; mild flavor, thick and fleshy. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Long Red Cayenne. Long, slim, and very pungent. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



RUBY KING PEPPER

BULL NOSE PEPPER

Parsley. (Ger.) Petersilie.

One Ounce to 150 Feet of Drill.

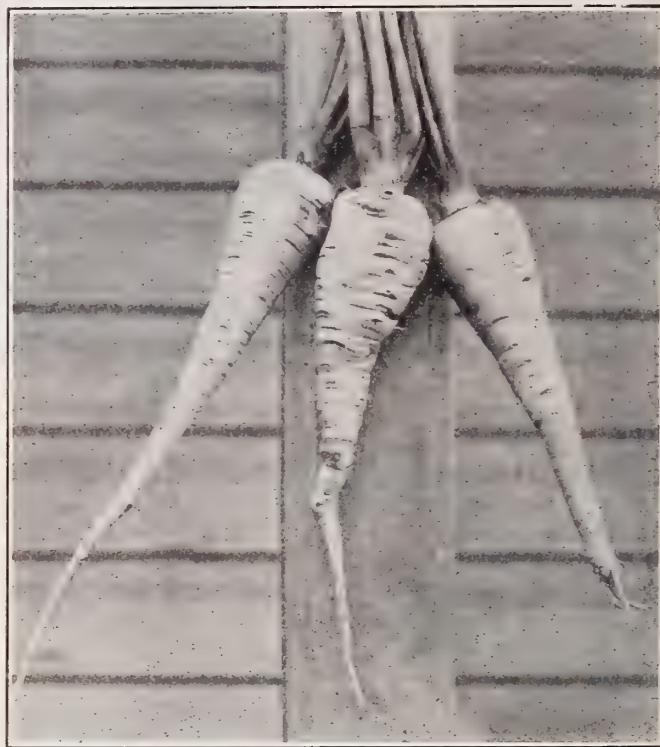
Parsley requires rich, mellow soil. The seed is even slower than parsnip in germinating, and should be sown as early as possible in the Spring, in drills one foot apart, and when the plants are well up thin to one foot in the row. When the plants are about three inches high cut off the leaves; the plant will start a new growth.

Champion Moss Curled. A distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year round, as it rarely runs to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

PARSNIP. (Ger.) Pastinake.

One Ounce for 200 Feet of Drill, Five to Six Pounds for an Acre.

Sow as early in the Spring as the weather will admit, in drills fifteen inches apart and half-inch deep, in a rich, deep soil; thin out to six inches apart in the rows. The quality of the roots is improved by leaving them in the ground over Winter for Spring use.



LARGE SUGAR OR HOLLOW CROWN PARSNIP

Small Chili. Small, red, conical pods. Very hot and prolific. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Large Sweet Spanish. Very large and mild. Also called Sweet Mountain. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

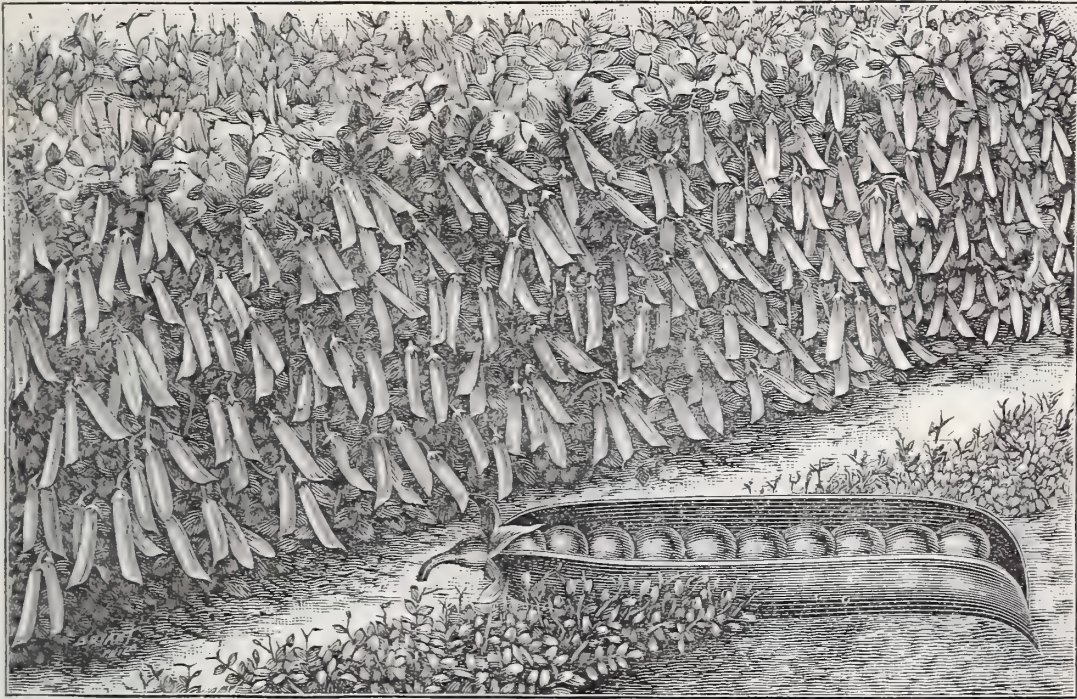
Chinese Giant. A recent introduction; large, of particularly fine quality. Pkt., 10c., oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

Red Cherry. Pkt., 5c. and 10c.; oz., 25c.

Peas. (Ger.) Erbsen.

CULTURE. Peas succeed best in light, rich, loamy soil, which has been manured the previous season. Plant the smooth varieties in the spring as soon as the ground can be worked—February or March, in rows three or four feet apart, two inches deep, giving the taller varieties more room between the rows. Wrinkled varieties are not as hardy and should be planted a little later. For a succession, plant every two weeks. The dwarf varieties can be planted in rows $2\frac{1}{2}$ to 3 feet apart. Peas grown as a market crop are rarely ever staked, but, when the taller varieties are grown for private use, it is a good plan to sow them in double rows and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth. One and a half bushels are required to plant one acre; one quart to plant 100 feet of drill.

A star (*) indicates that the varieties thus marked are wrinkled, which are better adapted for the home garden.



PEDIGREE

PEDIGREE FIRST AND BEST. The name represents what this valuable pea is—a pedigree or thoroughbred stock of Extra Early Peas. Careful personal selection has been made each season for a number of years back until its superiority in earliness, productiveness and uniformity in ripening has been absolutely fixed. Vines, $2\frac{1}{2}$ feet. The pods are well shaped and well filled, containing usually six to eight peas of a beautiful green color, both peas and pods retaining their fresh, green color longer after being picked than other kinds, this being a point of particular value when they are grown for shipping purposes. We strongly recommend this pea to our customers, believing it will bring them increased profits from their pea crops, on account of its extreme earliness, well-filled pods, great productiveness and especial value as a market sort. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$5.00.

EXTRA EARLY ALASKA. Our strain of this variety is the very best. This pea is increasing in popularity every year. It is especially valuable both on account of its earliness and productiveness, and the beautiful green color of its pods and peas, which it retains longer than other varieties, making it particularly valuable for shipping purposes. It is also specially desirable for canners. Height of vine from 2 to $2\frac{1}{2}$ feet, filled with an abundance of handsome pods. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$5.00.

***THOMAS LAXTON.** A new large-podded variety. An improvement over the Gradus or Prosperity, Combines extreme earliness and finest quality. A much surer cropper than the Gradus or Prosperity and very hardy for a wrinkled pea. Vines from $2\frac{1}{2}$ to 3 feet in height, of vigorous and healthy growth and very prolific. Pt., 20c.; qt., 35c.; pk., \$2.50; bu., \$8.00.

S. L. LAMBERD CO.'S FIRST AND BEST. Earliest of all. A most profitable market pea because of its earliness and the uniformity with which it grows and matures. Vines $2\frac{1}{2}$ feet. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$5.00.

RURAL NEW YORKER. A very desirable Pea; a good yielder, and in maturity it is among the first early. Vines $2\frac{1}{2}$ feet. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$5.00.

***NEW DWARF CHAMPION PEA.** This new variety has all the good qualities of the Champion of England, is hardy and of fine quality, but has less vine and produces larger pods and more of them. The pods are dark green and mature after the early varieties, thus making it a good sort for the family garden. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$5.00.

We can furnish all Peas in 5c. and 10c. packages.

Add for Postage on Peas and Beans, 8c. per pint, 15c. per quart.

Peas—Continued.

***NOTT'S EXCELSIOR.** One of the best of recent introduction; an improvement on American Wonder, being as early if not a little earlier, and the pods are decidedly larger and many more of them to the plant. It grows about half taller than American Wonder, and careful comparison of the two sorts, grown side by side, show Nott's Excelsior to be a decided improvement in every way; height, fourteen inches. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$5.50.

***HEROINE.** A late wrinkled pea, of strong, robust growth. Vines branch freely, grow two and a half feet high, producing abundantly long-pointed, well-filled pods. Pt., 15c.; qt., 20c.; pk., \$1.25; bu., \$4.00.

***YORKSHIRE HERO.** A handsome podded late variety, uniform in growth, two and a half feet high. Very prolific. Prices same as quoted above for Heroine.

***JUNO.** One of the best main crop wrinkled peas. It has a stout, robust vine, bearing straight, heavy, square pods usually borne in pairs. Pods contain seven to nine sweet delicious, dark green peas of immense size; grows two feet high. Pt., 15c.; qt., 25c.; pk., \$1.35; bu., \$4.50.

***AMERICAN WONDER.**

A very fine extra early wrinkled variety. It is well suited for the private garden and quite productive. The flavor and quality of the peas is excellent, and its dwarf habit of growth makes it a desirable sort; height, ten inches. Pt., 15c.; qt., 25c. pk., \$1.50; bu., \$5.50.

***PREMIUM GEM.** Fine, extra early dwarf pea; an improvement over the Little Gem, as the pods are larger and it is more productive. Vines are about fifteen inches. Pt., 15c.; qt., 25c.; pk., \$1.35; bu., \$4.50.

***ABUNDANCE.** One of the best and most satisfactory second early peas for general purposes. 15 to 18 inches high, large well-filled pods, excellent quality, branching in habit, therefore should be sown thin. Pt., 10c.; qt., 20c.; pk., \$1.35; bu., \$4.00.



TELEPHONE

***IMPROVED STRATAGEM.** A green, wrinkled pea, half dwarf in character. Growth is vigorous and branching. Very prolific, excellent quality, medium late. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$6.00.

***CHAMPION OF ENGLAND.** Very productive and universally admitted to be one of the richest and best flavored peas. Height, 4 to 5 feet; seed whitish green and much shrivelled. We recommend this highly as a tall, late variety. Pt., 10c.; qt., 20c.; pk., \$1.00; bu., \$3.50.

***TELEPHONE.** No pea to-day of its class is more meritorious or deservedly popular than the Telephone. Seed green wrinkled; height, 3½ ft., productive; pods unusually large, elegant shape, slightly curved, and well filled with peas of large size, excellent quality and very sweet. Late. Pt., 15c.; qt., 25c.; pk., \$1.50; bu., \$6.00.

IMPROVED SUGAR MARROW PEAS. We have the genuine stock of this variety. This pea is the kind planted principally by the larger growers around Baltimore for late crop. It is a strong grower and produces an abundance of large well-filled pods. Pt., 10c.; qt., 20c.; pk., \$1.00; bu., \$4.00.

FRENCH CANNER. Largely grown for canning. It is very productive, the pods are long, slightly curved and well filled; quality is good. Late. Pt., 10c.; qt., 15c.; pk., 90c.; bu., \$3.50.

MAMMOTH MELTING SUGAR OR EDIBLE POD. The vines grow four to five feet in height. Very productive, of enormous pods, which average five to six inches in length and one and a half inches broad; thick and fleshy. Broken and boiled like string-beans and served with butter sauce they have a luscious flavor. Pt., 20c.; qt., 30c.; 4 qts. (one half peck), \$1.00; per pk., \$1.75.

We can furnish all Peas in 5c. and 10c. packages.

All Prices Subject to Market Changes.

Potatoes. (Ger.) Kartoffeln.

Culture. Any good soil will produce potatoes. When grown upon a good, sandy loam, however, their quality is usually much better than that of those produced upon too heavy soils. Make furrows of good depth, three feet apart; scatter a liberal dressing of stable manure or fertilizer along these drills and cover this dressing with a couple of inches of soil; upon this set the cut-seed pieces about eight or ten inches apart. If grown in hills, one or two pieces of potato, containing one or more eyes in each piece, are placed in each hill, which are made three feet apart each way. Cover the seed four inches in warm, dry soil, but not so deep in wet, cold land; when the sprouts appear, cultivate and hoe to keep the soil free and clear of weeds. As the vines increase, draw earth around them, forming a slight ridge. Just as soon as the bugs appear, use Paris Green. One peck will plant about 100 feet of row, or 100 hills. Ten bushels are required to plant an acre.

By planting **OUR NORTHERN GROWN SEED** you are assured of **Early Maturity, Increased Yield, and a Vigorous Growth.** Our Northern Growers are Potato Specialists, and have grown for us for years.

IMPORTANT.

Prices of potatoes are subject to market changes. Potatoes are forwarded by express or freight, as directed, purchaser paying charges. We assume no risk on potatoes, which are forwarded strictly at purchaser's responsibility.

Unless otherwise ordered, we always ship potatoes in heavy sacks, containing 165 lbs., or one barrel.

Bliss' Triumph. Very early, thin red skin, round, white flesh. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Pride of the South, or White Bliss. Productive and extra early. White skin and flesh. Round. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Irish Cobbler. This is an early potato of exceptional merit, which has given our trade entire satisfaction. As shown by the illustration, the shape is rather round. Flesh is white and the eyes strong and deeply set. Considering its earliness, productiveness and excellent quality, we do not hesitate to recommend this as one of the best early varieties. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Early Ohio. This is a very profitable variety. It is fit for use before fully ripe. It is shorter and rounder than the Early Rose, of good quality and very early. Pk., 50c.; bu., \$1.50; sack, \$3.75.

America's Pride. A fine, new, extra early potato, of Maine origin. It is a heavy yielder and of excellent quality. The shape is shown by the illustration above. Of good size, slightly indented eyes, white flesh. An excellent potato for market gardeners. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Bovee. This variety is of recent introduction, and its general good qualities have attracted much attention. More productive and earlier than the Early Rose. Pink, or flesh-color, smooth, uniform marketable size; dwarf stocky vine permits close planting. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Crown Jewel. A well-known and deservedly popular early variety. Very productive and an excellent cooker. Skin white and smooth, eyes shallow, but strong. Pk., 60c.; bu., \$1.60; sack, \$4.00.

If shipped in barrels, add 25c. to the cost per sack.



Potatoes—Continued.

Houlton Rose. The Houlton strain of the old favorite Rose has been the most popular on our market in recent years. It is preferred because it is a little earlier than the old Early Rose. A description of this variety is needless, as almost everyone knows of its excellence in quality and as a cropper. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Early Rose. The New York stock of the Rose is still preferred by some growers, and it is unquestionably very reliable. The stock we have is very fine. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Beauty of Hebron. A good idea of the shape of this fine variety can be had from the illustration. It is a very rapid and vigorous grower, ripening fully as early as the Early Rose, which it resembles, but frequently exceeds in productiveness and excellence for table use. A very good keeper. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Rural New Yorker. No. 2. A potato worthy of the attention of all growers. Of very distinct and handsome appearance, the tubers are large, with remarkably smooth skin. The eyes are few, distinct and shallow. It is of extreme whiteness, both of skin and flesh, and is excellent for table. It has great vigor of growth and solidity of tuber, which enables it to resist disease to a remarkable degree. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Burbank. We have very fine stock of this old reliable late potato. The Burbank is of excellent quality, yields well and is a splendid keeper. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Improved Green Mountain. For a main crop later potato we consider this variety one of the best. It is very white, has an excellent flavor, and is very productive. Very popular with those who have tried it. Pk., 50c.; bu., \$1.50; sack, \$3.75.

Early Norther, New Queen, Carmen No. 3, Prosperity. Choice Northern stocks.

Choice Seed Sweet Potatoes, Leading Varieties. Prices on application.

Pumpkins. (Ger.) Kürbiss.

One Ounce of Seed will plant 15 Hills; 3 to 4 Pounds plants an Acre.

Culture. Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner. Sow in the month of May. Make hills, the same as you do for squashes, but do not make the hills too close; you will find that eight to ten feet apart each way is much better than closer planting. It is preferable to grow large quantities of pumpkins as a special field crop, and not in the kitchen-garden as they always mix so badly with squashes and other vines. The few you do need to grow in the home-garden you should put in your most remote corner. You will, of course, sow some amongst your corn, putting in a few seeds, say every third or fourth hill, after the last working; this will give you plenty for the table, and your stock the coming Winter.

King of the Mammoths, or Pot Iron. An immense variety, which has taken several prizes offered for the largest and best pumpkin grown. Single pumpkins have grown to weigh over 200 pounds. Flesh of a rich, golden yellow; a splendid keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Cushaw, or Winter Crookneck. An old standard variety, which is very popular. It is also used for feeding stock. Long yellow crookneck, fine grained yellow flesh, very solid. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Japanese Pie. Flesh very thick, rich salmon color, fine grain, dry and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

Tennessee Sweet Potato. Excellent for pies, pear-shaped, medium size, flesh and skin creamy white, fine grained, sweet, a first-rate keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Cheese. Shape flat like a cheese box; good keeper, popular. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Common Yellow Field. Very productive; for feeding stock. Pkt., 5c.; qt., 15c.; 5 lbs., 75c.



CUSHAW PUMPKIN

Prices Subject to Change Without Notice.

Radish. (Ger.) Rettig, oder Radieschen.

One Ounce for Seventy-five feet of Drill, Nine to Ten Pounds in Drills to One Acre.

Culture. To be tender and crisp, radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the Spring, sow at intervals of ten days, in a light, rich, deeply-worked soil. May also be sown as a catch-crop between rows of beets, lettuce, onions, etc. Radishes can be forced in hotbeds, but must have plenty of ventilation and moisture.

There are many varieties now from which a selection can be made for sowing at almost any season of the year with proper facilities. The Winter radishes are sown in July, and are developed by Autumn, at which time they may be taken up and stored in cool cellar or pit, and covered with sand, where they will keep tender and crisp all Winter; before using put in cold water, which adds to their freshness.

Deep Scarlet Forcing.

The earliest forcing radish. Very dainty. The roots are small and round. Deep rich scarlet, with white flesh. Crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Tipped Scarlet Globe. A good forcing variety. Small size and very attractive, being a handsome, bright scarlet, with white tip. Very early and of good quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

White Pearl Forcing. A beautiful, long, slender radish, of recent introduction. Beautiful pearl white color, firm and solid, slow to get woody. A good seller. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Vienna. (Lady Finger.) A fine, long, white radish. Beautiful shape, skin and flesh pure white, of excellent quality and a rapid grower. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Felton's Model White Box. Possesses all the excellent qualities of the old Philadelphia White Box, but is handsomer and earlier, with fewer and shorter leaves, hence can be sown much thicker. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Early Scarlet, Olive Shaped. In the form of an olive, terminating in a very slim tap root. Skin scarlet; neck small; flesh rose colored, tender and excellent. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Early White, Olive Shaped. Like scarlet, except the roots are clear white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Large White Summer Turnip. Round, smooth and very white; crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Early Scarlet Globe.

(See cut.) This variety can be used for forcing and is recommended for early outdoor planting. It is a small, round, red radish, of excellent flavor. Its rich, crisp, tender flesh makes it very popular. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Early Long Scarlet Short Top. The principal outdoor, quick-growing variety, also very good for forcing. Used extensively for private and market gardens everywhere. Grown in light, rich soil, its average length is about eight inches; grows half out of the ground, straight, uniform in color, brittle, crisp, small tops, bright scarlet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.



EARLY SCARLET GLOBE RADISH

Radish—Continued.

EARLY FRENCH BREAKFAST. Oblong shape, rapid grower, very mild and tender; of a beautiful scarlet color, tipped with white. Pkt., 5c.; 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.

WHITE STRASBURG. Handsome, oblong, tapering shape; both skin and flesh pure white; flesh firm, brittle, tender and possessing the most desirable character of retaining its crispness, even when the roots are old and large. Excellent for summer use, as it withstands severe heat and grows very quickly. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

GOLDEN GLOBE. A favorite summer radish. Golden-brown skin, perfect globe shape, mild and brittle, slow to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

LARGE WHITE STUTTGART. Very large, top-shaped, flesh and skin white, fine quality, firm and brittle, seldom pithy. Can be stored for winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

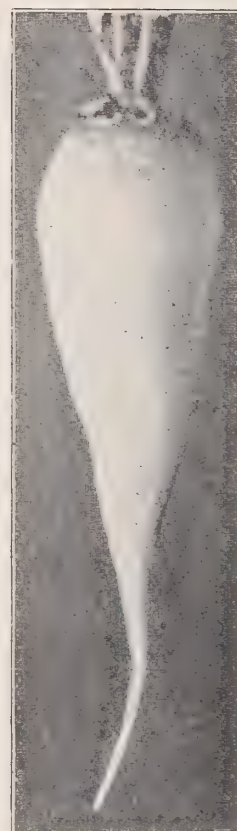
NEW CELESTIAL, OR WHITE CHINESE HALF LONG STUMP ROOTED. A large stump-rooted radish that is very popular as a winter radish. White skin and flesh, mild in flavor, brittle and never woody. For late planting and a splendid keeper. Market gardeners will find this a good variety that sells readily. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

LONG BLACK SPANISH. A large winter radish, with black skin and white firm flesh, grows six to eight inches long. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

ROUND BLACK SPANISH. Like the above, except that it is round shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

ROUND WHITE SPANISH, LONG WHITE SPANISH. Similar to the above, only different in color. Prices same.

CHINA ROSE, OR SCARLET CHINA. Bright, rose-colored winter variety, of excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.



WHITE STRASBURG
RADISH

RHUBARB. (Ger.) Rhabarber.



SANDWICH ISLAND SALSIFY

CULTURE. Mark out rows same as for corn, about three feet apart each way, drop a small shovelful of well-rotted manure in each hill, place the Rhubarb root or cutting [eye up] on the manure, cover three or four inches and work the same as corn; do not pull for market till following Spring, unless in some of the Southern States, where the roots die out in August and September—in these places it is best to plant in the Fall and pull first season, and set new bed every Fall. In the Northern States a bed of Rhubarb will last ten to fifteen years; much Rhubarb is now being grown in the winter season, and some have made a great success of it. Take whole clumps, that which has only been planted in field but one season, have them dug, say, in November or December, and cover them with soil in a heap in the field, about the same as cabbage or turnips would be buried, not too deep; let them freeze till about January, then take up and set them up in any old cellar where the temperature is anywhere above freezing, cover with about four inches of soil. Some put them under the benches in hothouses, others make cold frames in the garden and lay sash over them about February. After being so treated and planted, Rhubarb for pies and stewing can be taken in large quantities in two or three weeks. One-half dozen roots in the cellar of any house treated this way will produce enough for family use most of the Winter.

☞ **VICTORIA and LINNAEUS.** The two leading varieties. Prices of either: Seed, pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c. Roots, 15c. each; \$1.00 per doz.; \$5.00 per 100.

SALSIFY, OR OYSTER PLANT. (Ger.) Haferwurz.

One Ounce to Seventy Feet of Drill.

CULTURE. Salsify succeeds best in a light, well-enriched soil, which should be stirred to a good depth. Coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill shaped. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in Spring, as they deteriorate rapidly after growth commences. Store a quantity for Winter use in a pit or in a cellar in damp earth or sand.

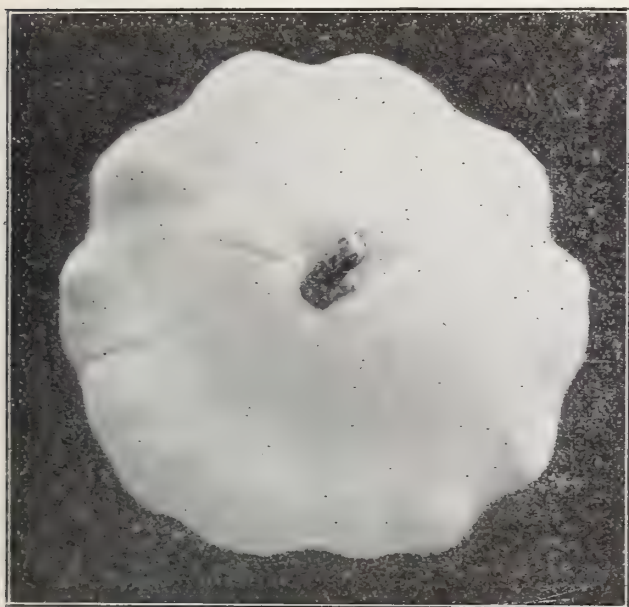
SANDWICH ISLAND MAMMOTH. This is undoubtedly the best variety. Is a more vigorous grower than the old Large White, is larger and less likely to branch. The flavor is mild and delicious. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Squash. (Ger.) Speise Kürbiss.

Bush sorts, one oz. for fifty hills, five to six lbs. to acre, running varieties, three to four lbs., in hills for an acre.

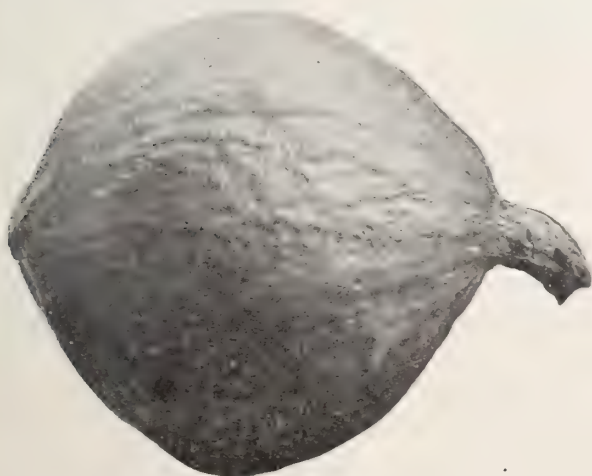
CULTURE. Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June.

Plant in well-manured hills, in the same manner as cucumbers and melons—the Bush Varieties three or four feet apart each way, and the running kinds from six to eight feet. Eight to ten seeds should be sown in each hill thinning out after they have attained their rough leaves and danger from bugs is over, leaving three to four of the strongest plants per hill.



MAMMOTH WHITE BUSH SCALLOP SQUASH

MAMMOTH WHITE BUSH SCALLOP. An excellent strain. Early, prolific and much larger than the old White Bush. Splendid for market and best for shippers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



BOSTON MARROW SQUASH

SUMMER CROOKNECK. About one foot long, with crooked neck, bright yellow, warty, shell-hard when ripe. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.

HUBBARD. An excellent keeper and of splendid quality. Vines of strong running growth. Large olive-shaped fruits with dark green skin and very rich flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

BOSTON MARROW. This is a large-fruited hard shell sort, highly esteemed for Winter use, having bright orange skin and deep orange flesh. Fine strong running growth. Very productive, thick oval in shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 40c.

SPINACH. (Ger.) Spinat.

* Spinach makes one of the most desirable Winter and Spring green, and is better liked and usually sells at much higher prices than either kale or turnip salad in our market. Is largely grown for shipping.



NEW VICTORIA SPINACH

CULTURE. For early summer use, sow early in Spring in a good, well-fertilized soil, in drills 1 inch deep, $1\frac{1}{2}$ to 2 feet between the rows or broadcast. For Winter and Spring use, sow in September and October. Requires but little cultivation. One ounce will sow 100 feet of drill; twenty pounds, one acre, broadcast.

The stronger the ground the more delicate and succulent will be the leaves.

NEW VICTORIA. A variety which has become quite popular. Broad dark green leaves, heavy foliage, finest quality. It is a long-standing sort, and remains in fine condition from two to three weeks after other varieties have run to seed. Not quite as hardy as Savoy. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 20c.; 5 lbs., 75c.

CURLED SAVOY OR BLOOMSDALE. Numerous leaves rounded at the ends, and well curled or crimped. Very productive. Recommended for Fall sowing. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 20c.; 5 lbs., 75c.

LONG STANDING. A good variety for Spring sowing. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 20c.

Special Prices on Spinach in large quantities.

Tomato. (Ger.) Liebesapfel.

One Ounce for Fifteen Hundred Plants, $\frac{1}{4}$ Pound (to Transplant) for an Acre.

Culture. For very early fruit, the seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and one-half an inch deep. Later sowings may be made until the last of April. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flowerpot and placing in a sunny window in the house.) When the young plants are 3 to 4 inches high they should be set 4 or 5 inches apart in another hotbed or coldframe, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for planting out. Water freely at the time of transplanting into the open ground, and shelter from the sun a few days until the plants are thoroughly established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings of the soil should be very shallow (surface cultivation), or the crop may be badly injured, especially if the cultivator is run too near the young plants.

Tomatoes grow splendidly trained to stakes or trellises, and the fruit is much improved, not only in appearance, but in quality by so doing. This mode of cultivation is quite common among gardeners who grow for private places throughout the country. Especially is this desirable where neatness and at the same time economy of space in the home-garden is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with wool or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way.



KELLY'S RED

S. L. Lamberd Co.'s First Early. A most valuable new introduction, which has proven itself to be the earliest, large, smooth, red tomato in cultivation. It is of a very handsome shape, beautiful red color, very solid and of fine quality, containing very few seeds. It has received unanimous praise wherever it has been grown. Pkt., 5c. and 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

Sparks Earliana. Valuable for its extreme earliness and its remarkable prolific qualities. While not quite so large as S. L. Lamberd's First Early, it makes an ideal extra early fruit, in shape, size and color. Particularly desirable for shipping and for earliest market. The fruits are smooth, round, of red color, making most desirable and salable fruits. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Chalk's Early Jewel. The finest of the very early tomatoes. About a week later than the Earliana, but far superior in quality. Fine red color, fine quality, hardy and productive. Excellent flavor. A most profitable variety for early and main crop. Pkt., 5c. and 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Atlantic Prize. Very early and productive. Bright red, large size. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Acme. Early, medium size, purplish red, good quality. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

Beauty. Splendid for early market and shipping. Purplish tinge, excellent quality. A fine variety for home gardens. A good yielder. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

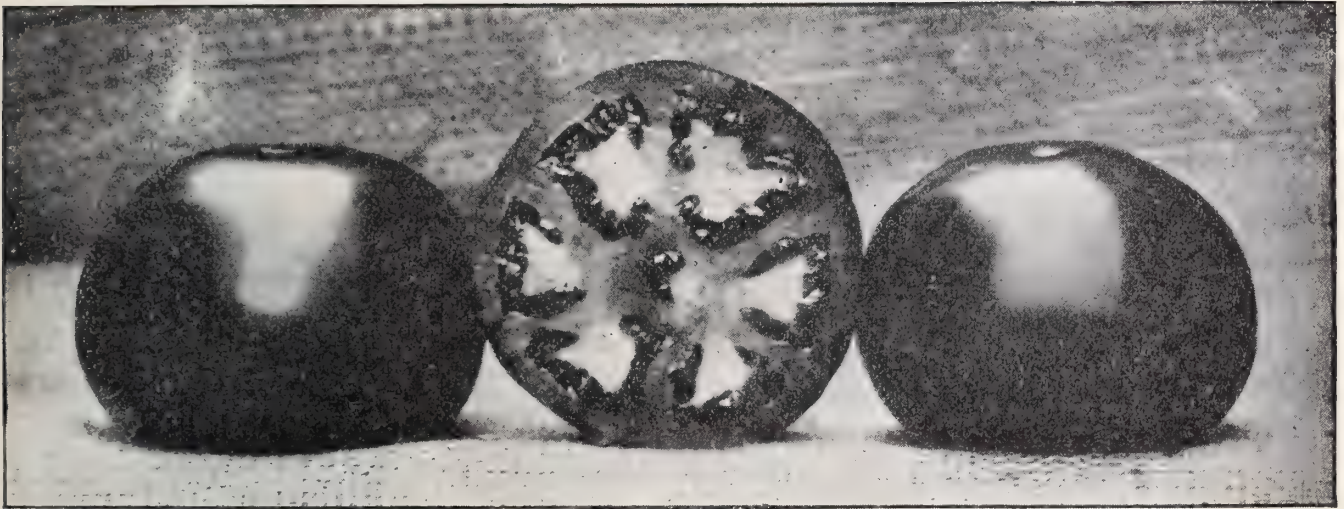
The Seeds We Offer are from the Very Best Growers.

Tomato—Continued.

Kelly's Red. This variety has obtained immense popularity in the last few years. It was originated in Anne Arundel Co. Its solidity and carrying qualities are remarkable. Its color is a desirable red. Its shape perfectly smooth and thicker from stem to blossom than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its good points. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

New Queen. Large, solid, smooth, handsome, deep red color, a heavy cropper and popular with canners. This variety closely resembles Paragon. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Paragon. A fine red tomato, closely resembling New Queen. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



NEW STONE TOMATO

New Stone. This variety is one of the very best tomatoes grown. For productiveness, shipping and canning qualities it is excelled by none. Bright scarlet, fine flavor, very smooth and round. We recommend it as a thoroughly reliable main crop tomato. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

B. B. (Brinton's Best.) A very fine late crop tomato, which is similar to the New Stone. Keeps well after being picked. A vigorous grower and quite popular. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Favorite. Large, fine shape, dark red, productive. Pkt., 5c. and 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Dwarf Champion. Stems, short, thick, stiff, almost self supporting. Fruit, large, round, red tinged purple, borne in showy clusters. A good variety. Pkt., 5c. and 10c.; oz., 22c.; $\frac{1}{4}$ lb., 75c.

Dwarf Aristocrat. Like Dwarf Champion, but red fruited. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Ponderosa. Remarkably large and of fine quality. Very solid. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

Golden Queen. Bright yellow, large and solid. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

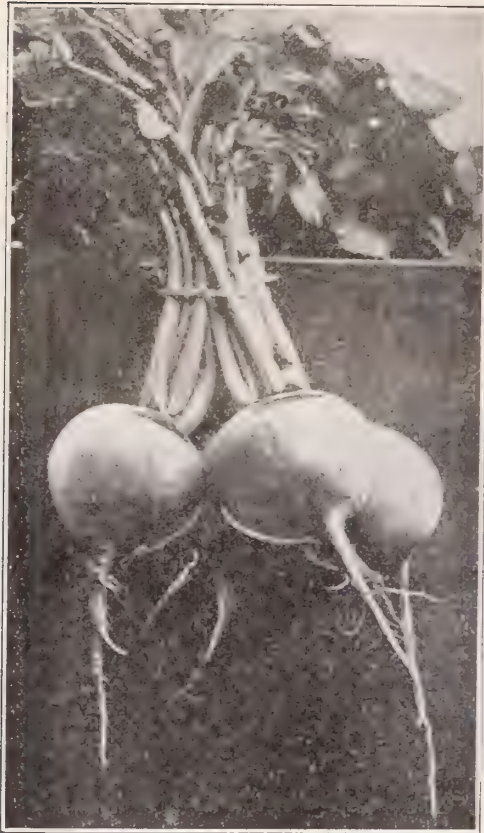
Yellow Pear and Yellow Plum. Two small fruited kinds for preserves. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Peach. Very small pink fruit, with slight peach bloom on skin. Pkt., 5c. and 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Tomato Plants. Fine stocks of carefully grown tomato plants of most all the leading varieties can be furnished in season.

Turnip. (Ger.) Rübe.

One Ounce for 100 Feet, Two Pounds to the Acre.



RED TOP WHITE GLOBE TURNIP

Culture. For early use, sow as soon as the ground opens in Spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows. For a succession, continue to sow every two weeks until June; for Fall and Winter crop, sow in July and August. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the Spring.

Red or Purple Top White Globe. A variety of decided merit, and the most popular in our markets. Globular-shape, very handsome and of superior quality. It is a heavy producer, early, of rapid growth and an excellent keeper. Besides being a first-class table turnip, it is also very good for stock. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Extra Early Purple Top Strap-Leaved. The earliest in cultivation and a splendid turnip. Very flat, medium size, smooth, with bright purple top. Leaves few and short and grow compact, making very small top. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Early White, Flat Dutch, Strap-Leaved. Very popular, early, with clear, white skin. Excellent quality flesh, mild and juicy. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

White Egg. A quick growing, egg-shaped variety. Very smooth, pure white, grows half out of ground. Has small top and rough leaves. Flesh of excellent quality. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Yellow or Amber Globe. Excellent for table use or stock. Fine quality, keeps well. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Pomeranean White Globe. Free growing and rough-leaved. Pure white. Useful for table and stock. Large and productive. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Purple Top Yellow Aberdeen. Medium size, round, pale yellow, tender and sugary. Is hardy and productive and keeps well. Closely approaches Ruta Baga in hardness and firmness of texture. This is an old esteemed variety for stock. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

Improved Purple Top Ruta Baga or Swede. The leading variety of Ruta Baga and is grown principally for stock, although it is very often used for table. Hardy, productive, flesh yellow, solid, sweet, fine grained and of good flavor. Ruta Bagas should be sown about one month earlier than other turnips. Pkt., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

TOBACCO SEED.

Connecticut and Penna. Seed Leaf. Pkt., 10c.; 25c. per oz.

Havana Seed Leaf. Pkt., 10c.; oz., 35c.

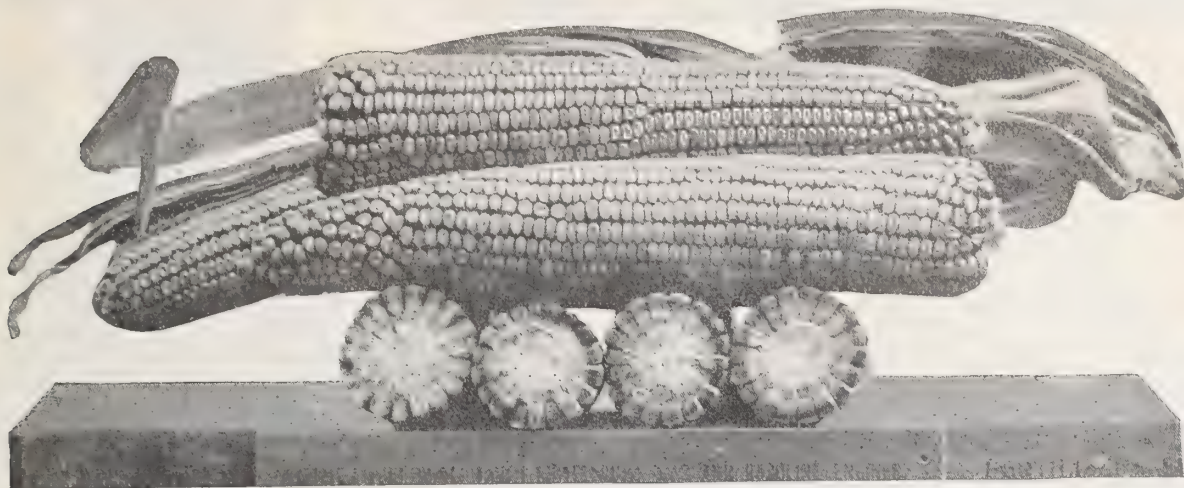


PURPLE TOP
RUTA BAGAs

Special Prices to Market Gardeners and Buyers of Large Quantities.

Field Corn. (Ger.) Maíz.

One Bushel of Field Corn will plant from Five to Seven Acres, according to variety and whether the Hill or Drill Method of planting is followed.



S. L. LAMBERD CO.'S WONDERFUL CORN

This King of Corns is without doubt the finest, the largest, and the most productive yellow corn ever produced, and will be found to be of great value to the farmer, especially in the Middle and Southern States, on account of its immense yield: at least 25, and often 50, per cent. more than can be obtained from the average old type corns generally planted.

The ears are of immense size, 12 to 14 inches long (see cut), 8 to 10 inches in circumference, carrying 20 to 24 uniform rows of long, large kernels, well developed over tip and butt.

It is a luxuriant grower, about 12 to 15 feet high. When planted in the early part of May will mature about September 20. Makes a splendid ensilage corn, making two ears on many stalks. (See cut.) As its name implies, it is truly a Wonderful Yellow Corn, and as we have been growing it to perfection in the last few years (first introduced in 1903), none of our customers should fail to plant it for a crop. One of our last reports was that in a field of 20 acres it averaged over 22 barrels to the acre, on some parts more. $\frac{1}{4}$ pk., 25c.; pk., 75c.; bu., \$1.75.

We offer the following desirable varieties. The prices of all are: pk., 50c.; bu., \$1.50.

Yellow Leaming. Early; withstands drought well; strong and vigorous. Fair size ears.

Golden Beauty. Large, broad-grained yellow corn. Ears are well filled out. A heavy yielder.

Maryland Yellow Dent. Large ear; moderate size stalk; withstands drought well.

Hickory King. A very broad-grained white corn that does well on light ground. A good corn for the South. Very small cob. Generally bears two ears to the stalk and occasionally three.

Snow White Dent Corn. A fine, large, deep-grained variety, originated by one of the best corn breeders of the West.

Red Cob, or Ninety-Day Corn. A distinct and well-known sort of white corn; matures in about ninety days; produces large, handsome ears. Pk., 75c.; bu., \$2.50.

Rice Pop Corn. Best kind for popping. Lb., 10c.; 4 lbs., 25c.

Seed Wheat, Oats, Rye, Buckwheat and Barley. Prices furnished on application.

Prices Subject to Change Without Notice.



SHOWING TWO LARGE EARS OF WONDERFUL CORN ON ONE STALK

Miscellaneous Field, Clover and Grass Seeds.

Kaffir Corn. Fine forage and good poultry food. 4 to 5 lbs. to the acre. 10 lbs., 50c.; 100 lbs., \$2.00.

Early Amber Sorghum or Sugar Cane. Desirable for ensilage or fodder. Relished by all kinds of stock. In drills, 4 qts.; broadcast, 8 qts. to acre. Lb., 10c.; bu., \$1.75.

Japanese Buckwheat. The best. Pk., 50c.; bu., \$1.50.

Dwarf Essex Rape. A very valuable forage plant. Sown in Spring or Fall, grows very rapidly. Broadcast, 10 lbs. to acre, or drilled at the rate of 5 lbs. 5 lbs., 40c.; 100 lbs., \$7.00.

Teosinte. A wonderful fodder plant. Produces very heavy growth. Drills, 3 lbs. to acre. $\frac{1}{2}$ lb., 60c.; lb., \$1.00.

Soja Beans. Valuable for forage, fodder, silage and for soiling. Use $\frac{1}{2}$ bu. to the acre. Market price.

Black, Clay, Wonderful, Whippoorwill, Black Eye, New Era and Mixed Cow Peas. Very valuable for improving land and for forage. Sow in May or June, 1 to 2 bu. to acre. Market Price.

Canada Field Peas. For soiling and pigeon feed. Market price.

Scarlet or Crimson Clover. Sow from May to October. Sown early it can be pastured in the Fall and will make a crop of hay the following Spring. It does well on poor land. Hay should be cut just before coming into full bloom. It supplies nitrogen and potash to the soil. 15 lbs. to acre. Per lb., 8c.; bu., \$4.25. Prices subject to market changes.

Red Clover. Excellent for hay, pasture and as a vegetable fertilizer. The best known variety. 15 lbs. to acre. Market price.

White Clover. A small, creeping variety, valuable for pasture and lawn mixtures. Lb., 25c.; 5 lbs., \$1.00.

Alfalfa or Lucerne Clover. Very valuable, stands for years, roots go very deep and it resists driest weather, increases fertility. Sow 10 lbs. to the acre. Market price.

Alsike Clover. For pasture or soiling. Market price. *

Orchard Grass. Very desirable for pasture and for shady places, and when sown with Clover it makes excellent hay. Sow 28 lbs. to the acre. Market price.

Red Top or Herds Grass. Good for permanent pastures. Takes two years to become established. Sow 2 bu. to acre. Fancy, recleaned seed, per lb., 20c.; per 100 lbs., market price.

Blue Grass. Thrives on a dry soil and stands the hottest weather well. Two bu. to acre. Fancy seed, market price per bu.; 25c. per lb.

Timothy. The well-known hay grass. Market price.

German Millet. Better than Hungarian. Makes good hay. Should be cut just before the leaves turn. 50 lbs. to acre. \$1.50 per bu.

Hungarian Millet. One bu. to acre. \$1.25 per bu.

Rhode Island Bent Grass. Of creeping habit and hardy. Good for lawns and pleasure grounds. Lb., 35c.

English Rye Grass. Very valuable for permanent pastures in situations not too dry. Two bu. to acre. 15c. per lb.

Sweet Vernal. Desirable for its odor. Per lb., 40c.

Early Fortune or Bird Millet. 5c. lb.; \$3.00 per 100 lbs.

Canary Seed (Pure Sicily). Lb., 7c.; 4 lbs., 25c.

Rape Seed (Pure Bird). Lb., 10c.; 3 lbs., 25c.

Hemp Seed (Recleaned). Lb., 7c.; 4 lbs., 25c.

Sunflower Seed (Mammoth Russian). Lb., 7c.; 4 lbs., 25c.

Mixed Bird Seed (Recleaned). Lb., 7c.; 4 lbs., 25c.

Write for special prices on these and other Leading Grasses.

Prices Subject to Market Changes and will be Quoted on Application.



Kaffir Corn



RED-TOP, OR HERDS GRASS.

S. L. Lamberd Co.'s Celebrated Grass Seed Mixtures.

FOR LAWNS
AND

PLEASURE
GROUNDS.



Special Lawn Mixture.

If you have a lawn where, on account of unfavorable conditions, you have heretofore been unable to get a good set of grass, or if you wish grass in a very shady place, write to us, explaining conditions, and let us prepare a Special Mixture for you. We are sure we can please you.

LAWN SCENE
SEEDED WITH
OUR MIXTURE.

S. L. Lamberd Company's "Perfection Evergreen" Lawn Mixture.

This is our best mixture and it is used exclusively on many of the finest lawns around Baltimore, by leading Cemeteries, Parks and Clubs. Quick to recover after being cut, it retains its color and grows vigorously in hot weather and does well in shady places. It stands well when subjected to rough usage and tramping. This is an exceptionally fine mixture, carefully balanced, and will give splendid results. Pint, 10c.; quart, 20c.; 2 quarts, 35c.; 5 lbs., \$1.10; bushel (20 lbs.), \$4.00.

Mr. Frank S. Ely, Comptroller of Druid Ridge Cemetery, says: "Our lawns are more nearly evergreen than any others in our neighborhood, showing green earlier in the Spring and holding their color later in the Fall and they do not suffer from Summer droughts to any extent. We take pleasure in recommending your Evergreen Lawn Grass Mixture to anyone wishing a first-class lawn."

Shady Nook Grass.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees. Qt., 25c.; 2 qts., 40c.; 5 lbs., \$1.10; bushel, \$4.00.

Note.—To get good lawns, you should sow not less than one quart of seed to 200 sq. ft., or four bushels to the acre; for renovating, use one-half this quantity. Dig the soil well, prepare it thoroughly, and manure or fertilize it heavily.

S. L. Lamberd Company's Special Golf or Putting Green Mixture.

This mixture is prepared especially for golf grounds and putting green. The grasses used are low growing, hardy varieties, which give a permanent, fine sward, which is at the same time tough. This is a very high-grade mixture, but is cheapest because it gives desired results. Per bu. (20 lbs.), \$4.00.



PUTTING GREENS AT BALTIMORE COUNTRY CLUB

S. L. Lamberd Company's Mixture for Athletic Grounds.

This is prepared with a special view to hardness so that it will withstand tramping and severe usage. We recommend it for baseball and football fields, and for golf grounds and tennis courts. Although this mixture will not give as fine a turf as our Special Golf Mixture, at the same time it is as good as a great many Golf Mixtures that are offered. Per bushel (15 lbs.), \$2.75.

S. L. Lamberd Company's Terrace Mixture.

We recommend this mixture for terraces and steep slopes, where it is often very difficult to get a good sod. Try our mixture, it will do well for you. Qt., 35c.; pk. (5 lbs.), \$1.50; bu. (20 lbs.), \$5.00.



TERRACES AT CARROLL PARK

Lamberd's Special Grass Mixture for Hay and Pasture.

Lamberd's Pasture Mixture is prepared to meet the average need. It is made up of the grasses best calculated to afford an abundant and nutritious food supply for stock. Its formula is based upon successful experience. For all ordinary, permanent pasturage it will be found entirely satisfactory. If your fields are old and worn out, it will pay to plow up and seed again with Lamberd's Permanent Pasture Mixture, after which you will soon be cutting heavy crops. You will be able to cut two good crops each year, whereas from Timothy you can cut but one. Sow 50 lbs. to acre. In ordering, state whether for light or heavy soil. Price, bu. (14 lbs.), \$2.75. Special price on larger lots.

We handle the best Lawn Mowers, which are Coldwell's.

Choice Flower Seeds.



COMET ASTERS

11. *Campanula*. a. (Canterbury Bells.) Single, mixed, 5c.
12. *Calendula*. a. (Pot Marigold.) Free-flowering, mixed, 5c.
13. *Canna*. a. One of the finest bedding plants, 5c.
14. *Calliopsis*, or *Coreopsis*. a. (Golden Wave.) Showy, free-flowering, hardy annuals of easy cultivation. Choicest, mixed, 5c.
15. *Candytuft*. a. For beds and massing, mixed, 5c.
16. *Carnation*. p. Marguerite, very best variety for amateurs. Popular with all growers, mixed, 10c.
17. *Celosia*. a. (Coxcomb.) Free-blooming. Grand for borders and very good for pots, mixed, 5c.
18. *Centaurea Cyanus*. a. (Batchelor Button, or Corn Flower.) Beautiful, sweet-scented flowers. One of the finest annuals. Choicest mixture of very fine colors, 5c.
19. *Centurea*. a. (Dusty Miller.) For borders, Beautiful silver leaves, 5c.
20. *Chrysanthemum*. a. Showy and effective garden favorites. These summer-flowering border plants are quite distinct from the Autumn-flowering varieties. Double fringed, mixed. Yellow and white, 5c.

MARGUERITE
CARNATION

21. *Cineraria*. p. For hothouse and window-garden. Prize mixture, 35c and 60c.
22. *Cosmos*. a. An Autumn-flowering plant. A charming, profuse bloomer. Giant Rainbow variety, frilled. All colors, mixed, 10c.
23. *Cosmos*. a. Choice mixed colors, large flowering kinds, 5c.
24. *Convolvulus*. a. New, Imperial, Japanese, Large-flowering Morning Glory, exceedingly vigorous, immense flowers, beautiful coloring in flowers. Finest ever produced, 5c.
25. *Convolvulus*. Choice mixture of climbing Morning Glories, 5c.
26. *Cypress Vine*. Popular vine, fern-like foliage and masses of beautiful small star-shaped flowers. White and scarlet, mixed, 5c.
27. *Dahlia*. a. Bloom first year from seed if sown early. Double, mixed, 5c.
28. *Dahlia*. a. Single varieties from seed, are very popular, mixed, 5c.

CULTURE. Directions are printed on the back of nearly all of our flower-seed packets. We will say that care should be exercised not to cover flower seeds too much. In nearly all cases it should be sprinkled on top of soil, and slightly pressed.

(a) **ANNUALS** are those flowers that bloom and ripen their seed the first year, then die. Among these will be found Asters, Balsams, Mignonette, Sweet Peas, Nasturtiums, Morning Glories, and many other very brilliant and fragrant flowers. In fact, if you want flowers early in the season, and all the time until frost, a good selection of Annuals will not disappoint you.

(p) **PERENNIALS** are those flowers that endure our Winters with little or no protection, and live and bloom several years in succession. A large majority of the Perennials will bloom the first year if started early in the Spring. Hollyhocks, Larkspurs, Foxglove, Poppies, etc., are in this popular class.

1. *Ageratum*. a. For beds or borders. Dwf., mixed, 5c.
2. *Alyssum*. a. (Carpet of Snow), dwf., pure white, 5c.
3. *Amaranthus*. a. *Caudatus*. (Love Lies Bleeding.) Blood red, 5c.
4. *Amaranthus*. a. *Tricolor Splendens*. (Joseph's Coat.) 5c.
5. *Antirrhinum*. p. (Snapdragon.) A showy border plant, 5c.
6. *Asters*, *Comet*. a. (See cut.) In five distinct colors, 10c.
7. *Asters*. a. German quilled, mixed, double, choice colors, 5c.
8. *Balsam*. a. (Lady's Slipper.) Very fine collection, mixed, 5c.
9. *Balloon Vine*. a. (Love-in-a-puff.) Annual climber, 5c.
10. *Balsam Apple*. a. A climber with very useful fruit, 5c.



GIANT MIXED COSMOS

We Offer Nothing but Very Choice Flower Seeds—Write for Price on Quantity.



SALVIA SPLENDENS (SCARLET SAGE)

29. Daisy. p. Easily raised from seed. Choice mixed. 10c.
30. Dianthus. p. (China Pink.) One of the most popular flowers in cultivation, blooms profusely. Great variety of colors. Extra choice. 5c.
31. Digitalis. p. (Foxglove.) Choice mixed. 5c.
32. Dolichos. a. (Hyacinth Bean or Texas Climber.) Showy Climber, making rapid growth. 5c.
33. Helichrysum. a. (Straw Flower.) Popular everlasting. 5c.
34. Eschscholtzia. a. (California Poppy.) Choice mixture. 5c.
35. Gourds. a. (Luffa, Nest Egg) and a general mixture; rapid climbers. 5c. each.
36. Gaillardia. a. (Blanket Flower.) Very fine mixture. 5c.
37. Helianthus. a. (Sunflower.) Oscar Wilde, single yellow. 5c.
38. Helianthus. a. (Sunflower.) Dwarf, double, 3 ft. high. 5c.
39. Heliotrope. a. (Giant Hybrids, Lemoines), produces extra large flower spikes in abundance, double size, old sorts. 10c.
40. Hollyhock. p. (Giant Double Allegheny), the finest in brilliancy of color and hardness. 5c.
41. Lantana. a. Very fine. 5c.
42. Larkspur. a. Double dwarf Rocket, finest mixture. 5c.
43. Lobelia. a. Dwarf varieties for bedding. All colors. 5c.
44. Marigold. a. Dwarf French and tall; fine colors, mixed, dbl. 5c. each.
45. Marvel of Peru. a. (Four O'clock.) Choice mixed. 5c.
46. Mignonette. a. Parson's White, large and fragrant. 5c.
47. Mignonette. a. Matchet or French, dwarf red variety. 5c.
48. Moonflower. a. Large, white, fragrant flowers. 10c.
49. Myosotis. a. (Forget-Me-Not.) Neat and beautiful. 5c.
50. Nasturtium. a. Tall and lobes, mixed colors. 5c. each; $\frac{1}{4}$ lb., 25c.; lb., 75c.
51. Nasturtium. a. Dwarf or bedding varieties, fine mixed. Price, same as above.
52. Pansy. a. The general garden favorite. Choice mixed. 5c.
53. Pansy. a. Giant Exhibition, mixed. A magnificent strain, secured from specialists in Germany and France. 10c.
54. Passion Flower. a. Southern Beauty. Climber, mixed. 5c.
55. Petunia. a. Double, enormous flowers, mixed. 10c.
56. Petunia. a. Fine mixture of all principal colors. 5c.
57. Pennisetum. a. Ornamental Grass. 5c.
58. Phlox. a. (Drummond.) Incomparable for beauty and usefulness. 5c.
59. Poppy. a. Shirley. Fine range of colors, mixed. 5c.



CHOICE MAMMOTH VERBENA



DOUBLE DIADEM DIANTHUS

60. Portulaca. a. (Mexican Rose.) Choice single and double, mixed colors. 5c. each.
61. Ricinus. a. (Castor Oil Bean.) Mixed varieties, 5c.; oz., 20c.
62. Salvia. a. (Scarlet Sage.) Great favorite. 5c.
63. Scabiosa. a. (Mourning Bride.) Very handsome. 5c.
64. Scarlet Runner Bean. a. Ornamental Climber. 5c.
65. Smilax. a. A graceful white climber. 10c.
66. Stocks. a. Mixed, large flowering. 5c.
Sweet Peas. (See page 34.) 5c.
67. Sweet William. p. Choice mixed colors, single. 5c.
68. Thunbergia. a. (Black-Eyed Susan.) Beautiful, very ornamental climber. 5c.
69. Verbena. a. Choice mammoth mixture, very fine. 5c.
70. Wallflower. p. Single and double; well known. Deliciously fragrant. 5c. each.
71. Wildflower Garden. a. Fine mix. of old favorites. 5c.
72. Zinnia. a. (Youth and Old Age.) Dwarf and tall. Choice mixture from double flowers. 5c. each.

In Ordering Flower Seed, Order by Number.

Perfection Sweet Pea Mixture.

This is a carefully balanced mixture, made up of the named varieties mentioned below, with a generous portion of the lighter shades. It will give a splendid range of the choicest colors. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

CHOICE NAMED VARIETIES.

Apple Blossom. Crimson, pink and white.

Blanche Burpee. Pure white.

Blanch Ferry. Pink and white.

Brilliant. Bright Red.

Countess of Radnor. Lavender.

Dainty. Pink.

Earliest of All. Pink and white.

Gorgeous. Rose, with orange.

King Edward VII. Novelty, crimson-scarlet.

Lady Grisel Hamilton. Mauve and lavender.

Mont Blanc. Pure White.

Mrs. Eckford. Light primrose.

Navy Blue. Indigo Blue.

Prima Donna. Pure pink.

Shazada. Deep maroon.

Any of above varieties: pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Culture of Sweet Peas. Sow early, in rich, mellow soil, in a well-drained trench six inches deep. Sow peas in bottom of trench and cover **not over** two inches. When about five inches high, fill up trench and furnish support for plants to run on. Flowers should be picked to insure continuation of bloom.



MONT BLANC SWEET PEAS.

Dahlias.

Now among the most popular of all flowers. The stocks we offer are grown by leading experts, and the varieties are carefully selected as the best.

Countess of Lonsdale. (Cactus variety.) Salmon pink.

Gloriosa. (Cactus variety.) Vivid carmine scarlet.

A. D. Livoni. (Show.) Rich, seashell pink.

M. D. Hallock. (Show.) Pure yellow, full and double.

Ruby Queen. (Show.) Clear ruby red.

Henry Patrick. (Show.) Large white.

Sylvia. (Decorative.) Rich pink, white center.

Grand Duke Alexis. (Decorative.) Large white.

Mt. Blanch. (Decorative.) Large white and purple.

Lyndhurst. (Decorative.) Large red.

Winsome. (Cactus.) White, in curved petals.

Rose Morn. (Cactus.) Yellow to amber.

Helen Stephens. (Cactus.) Orange yellow.

Little Helen. (Pompon, for cutting.) Pure white, splendid.

Any of the above, first-size roots, each, 10c.; doz., \$1.00.



DAHLIA—M. D. HALLOCK.

Special Prices to Buyers of Large Quantities.

Tuberoses.

One of the most fragrant and popular of the summer-flowering bulbs. May be started early in hotbeds or pots, or planted in open ground after first day of May. Each, 5c.; doz., 25c.; 100, \$1.00. By mail, 35c. per doz.

Madeira Vine Roots. Each, 5c.; doz.; 30c.

Begonias. Tuberous-rooted; single, mixed each, 8c.; doz., 75c.; postpaid.

Caladiums. (Elephant's Ears.) Large bulbs (9 and 11 inches), each, 10c.; by mail, 15c.; doz., \$1.00. **Extra Large Bulbs** (11 inches and upwards), each, 15c.; by mail, 20c.; doz., \$1.50. Prices per dozen are by express, not prepaid.

Gladiolus. Our mixture is one of the very finest, embracing all popular and distinct colors and varieties. 25c. and 35c. per doz. Add 10c. per doz. if to go by mail.

CANNAS.

Mammoth Va. Red flower, dark foliage, broad leaf. Each, 8c.; doz., 75c.

Black Prince. Flower crimson, foliage green.

Duke of Marlborough. Flower Crimson, foliage green.

Florence Vaughan. Flower yellow, spotted red, green foliage.

Austria. Flower yellow, green foliage.

Italia. Flower scarlet, yellow border, green foliage.

Burbank. Flower yellow, green foliage.

Paul Marquant. Flower Salmon, green foliage.

Shenandoah. Flower pink, green bronze foliage.

Price, each, 5c.; doz., 40c.; not postpaid.

We furnish potted plants, such as Geraniums, Cannas, Nasturtiums, etc. Prices on application.

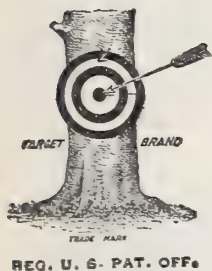
We issue a Fall Bulb Circular in October, and ask our patrons to call or write for same.



Pearl Tuberose



Our Flower Seeds and Bulbs Give Satisfaction.



Target Brand Scale Destroyer. This preparation is the most effective and practical means of controlling the San Jose Scale which has yet been found. It destroys insect life by contact—that means it kills scales, larvae, insect eggs, and all kinds of insects, either by absorption of the oil, or the formation of the fatal film, which destroys life by suffocation. Price, qt. cans, 35c.; ½ gal. cans, 65c.; 1 gal. cans, \$1.00; 5 gal. cans, \$3.75; 10 gal. cans, \$7.50; 25 gal. (½ bbl.), \$13.75; 50 gal. (1 bbl.), \$25.00.

Thanatus. Will destroy scale, mealy bug, snails, green fly, red and black spider, black flea and all insects that infest flowers and plants. Price, ½ pt., 25c.; pt., 40c.; qt., 75c.; ½ gal., \$1.25; gal., \$1.75.

Paris Green. In cartons. Strictly pure. Market prices.

White Helebores. For rose slugs, currant worms, etc., ½ lb., 15c.; lb., 25c.

London Purple. Very poisonous. Used the same as Paris Green. lb., 25c.

Tobacco Dust. For fleas, aphids and ground insects. 5 lbs., 20c.; 100 lbs., \$2.00.

Slug-Shot. For twenty-one years **Slug-Shot** has been used, doing effective work against leaf eaters, juice suckers, sow bugs, snails or grubs in the soil. **Slug-Shot** is spread by duster or blower. Water will carry it through a sprayer or pump. **Slug-Shot** rids fowls, calves and dogs of lice and fleas. 5 lb. pkg., 25c.; 10 lb. pkg., 50c.

Bordeaux Mixture. For fungus diseases, particularly on finer fruits. Complete and specially prepared. Ready for use by simply adding water. One pound will make five gallons of spray mixture. 1 lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.25. **Liquid Bordeaux**, 1 qt., 35c.; 2 qts., 60c.; 1 gal., \$1.00.



Nikoteen. Powerful, better than weak tobacco extracts. Pint, \$1.50. Vaporizing pans, 50c.; irons, 50c.; 3 pans, 3 irons and 1 hook, \$3.00.

Aphis Punk. For killing insect life on plants and flowers. Especially suitable for private greenhouses. No special apparatus needed. Price, per box of one dozen rolls, 60c.; per case of 12 boxes, \$7.00.

Flowers of Sulphur. Effective for mildew. lb., 10c.; 5 lbs., 40c.

Whale Oil Soap. An excellent wash for trees and plants. Effective against scales and insects. One pound to four gallons of water. lb., 15c.; 5 lbs., 60c.

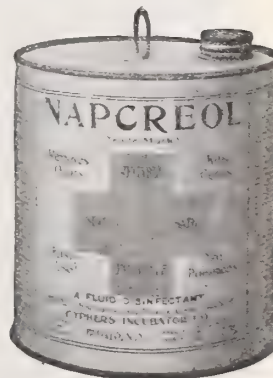
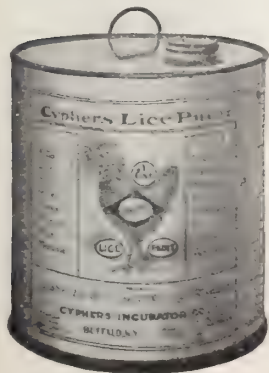
Lemon Oil. Used as dip or spray. Very effective and harmless to delicate plants. Destroys thrip, scale, red spider, fly, caterpillar, American blight, etc. Dilute with fifty parts of water. Odorless, poisonless, the best flea killer, wash and mange remedy for dogs and cats. ½ pt., 25c.; pt., 40c.; qt., 75c.; ½ gal., \$1.25; gal., \$2.00.

Cyphers Lice Powder. The best preparation of its kind on the market. Positively non-injurious. Excellent for dogs and cattle as well as poultry. 15 oz. pkg., 25c.; 48 oz. pkg., 50c.; 100 oz. pkg., \$1.00.

Napcreol. A concentrated preventative of disease. A disinfectant and cure. One gallon to one hundred gallons of water. Invaluable around poultry-houses, stables, dog kennels or any other place where a good germ and odor destroyer is needed. Kills mites, fleas, lice, etc. Qt., 50c.; ½ gal. can, 85c.; gal. can, \$1.50.

Cyphers Lice Paint. A safe and sure liquid for killing all insects affecting poultry or stock. Lice are hard to exterminate, but Cyphers Lice Paint will do the work. Used by spraying, rubbing or painting the roosts. 1 qt., 35c.; 2 qts., 60c.; 1 gal., \$1.00.

Pure Sulphur Fumigating Candles. Easy to light, easy to extinguish, safe to use, deadly to all disease germs and insect life. Complete, with small dish for water. 15c. each; by mail, 25c. Per dozen, \$1.00.



When Goods are to be sent by Mail, add Postage at the rate of 16 Cents per Pound.

Fertilizers.

The Brands of Fertilizers which we offer are prepared according to formulae which have been carefully studied out, and we feel confident that in them are incorporated those elements best suited for the crops for which they are recommended. Our customers can rest assured that when they buy Fertilizer from us that they receive goods that are carefully compounded from the best ingredients and which will give splendid results. We solicit a trial order in this department and we are satisfied that after using our Fertilizers you will have no hesitancy about testifying to their excellence.

Prices of Fertilizer on Application. Drop us a Card.

BOSS FERTILIZER.

This brand of goods possesses all the valuable elements of a high grade Animal Bone Fertilizer, and we are pleased to say that it gives results far beyond our greatest expectations. It can be used on all crops with equally as good results. All we ask is a trial alongside of anything on the market, and it will come out, as its name implies, "Boss."

Analysis.

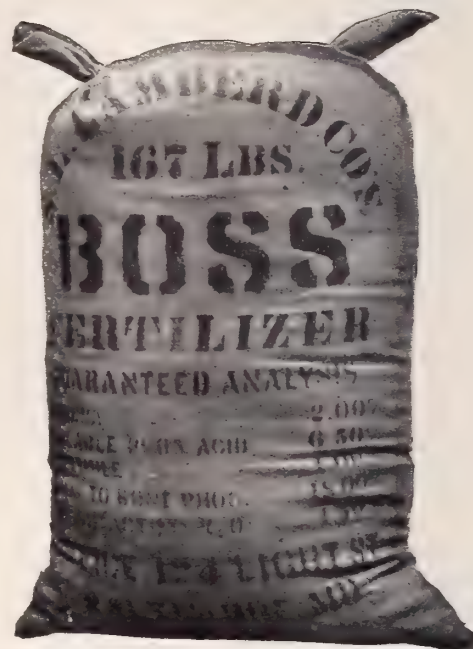
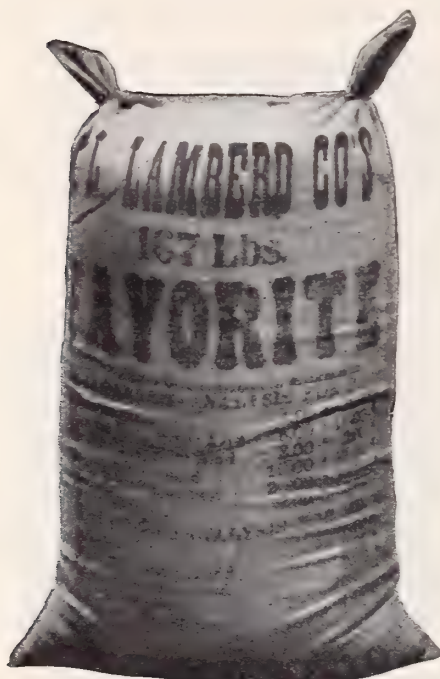
Ammonia.....	2%	Insoluble Phos. Acid...	1%
Available Phos. Acid..	7%	Equal to Bone Phos-	
Potash (Actual).....	4½%	phate.....	18%

FAVORITE FERTILIZER.

This brand is intended as a general crop grower, and will be found equal in quality to any of the brands of this grade on the market. It contains all of the necessary elements, properly combined and in an available form, to the plant from start to finish. It has become the favorite of all those that have given it a trial. Get our prices before placing your order. Recommended for wheat and grass.

Analysis.

Ammonia.....	1%	Total Phos. Acid.....	9%
Available Phos. Acid...	8%	Equal to Bone Phos....	22%
Insoluble Phos. Acid...	1%	Potash (Actual).....	2%



HIGH GRADE ACID PHOSPHATE. (South Carolina Rock.)

We advise the use of Bone Fertilizers, but there are a great many farmers who use Acid Phosphate for a grain and get good results. It should not be used where a lasting fertilizer is desired to benefit the grass crop that is sowed with the wheat.

Analysis.

Available Phos. Acid....	14%	Insoluble Phos. Acid....	1%
Total Phos. Acid.....			15%

FINE GROUND RAW BONE MEAL.

All intelligent farmers realize the value of this fertilizer. Our Bone Meal is ground by improved machinery to a fine condition, without any admixture or treatment with any dryer. Strictly pure.

Analysis.

Ammonia.....	4%	Phosphoric Acid.....	22%
		Equal to Bone Phos. Lime.....	48%

PURE DISSOLVED ANIMAL BONE.

Nothing but the very best bone used in the manufacture of this brand. Recommended for wheat and grass.

Analysis.

Ammonia.....	2½%	Available Phos. Acid....	10%
		Equal to Bone Phosphate.....	25%

SOFT GROUND BONE.

This will be found one of the most economical of all fertilizers. It is composed mostly of butchers' refuse bone, and prepared by a process that renders it quickly available in the soil. It assists the crop during its entire growth and permanently enriches the soil. A good lawn fertilizer.

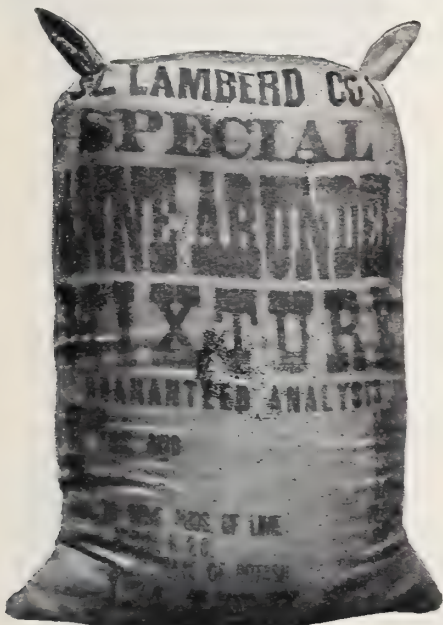
Analysis.

Ammonia.....	3%	Phosphoric Acid.....	11%	Bone Phosphate of Lime....	25%
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Special Inducements to Buyers of Large Quantities.

Special Anne Arundel Mixture.

We first offered this in Anne Arundel County a few years ago, and, as it gave such excellent results we called it our "Anne Arundel Mixture." The material which enters into its composition is carefully selected and proportioned so as to give the best results. Being made from Animal Bone base, it will not fire or burn readily and will improve the soil. If you want to improve your farm use Lamberd's "Anne Arundel Mixture."



Analysis.

Ammonia.....	3%	Total Phos. Acid.....	9%
Available Phos. Acid....	8%	Equal to Bone Phos.....	22%
Insoluble Phos. Acid.....	1%	Potash (Actual).....	3%

TRUCK PHOSPHATE.

This brand has been used largely by the most successful truckers and is prepared especially for early vegetables. In its composition our aim has been to furnish the ammonia in such a form as will give the crop a quick start and keep it growing. We can give the assurance to all potato and truck growers that this brand will meet every requirement. It is in fine dry condition, and can be applied with a drill.

Analysis.

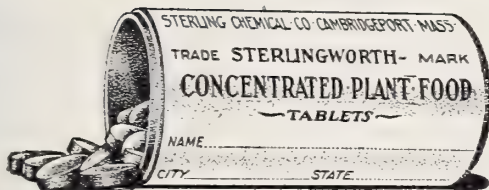
Ammonia.....	4%	Total Phos. Acid.....	8%
Available Phos. Acid....	7%	Equal to Bone Phos.....	18%
Insoluble Phos. Acid.....	1%	Potash (Actual).....	4%

Canada Wood Ashes. 100 lbs., \$1.75; ton price on application.

Lawn Dressing. 5 lbs., 25c.; 25 lbs., \$1.00; 100 lbs., \$2.00.

Fleurette. A Liquid Plant Food, gives life, health and a luxuriant foliage to all plants. ½ pt., 15c.; pt., 25c.; qt., 40c.; ½ gal., 75c.; gal., \$1.25.

Sterlingworth Plant Food Tablets. Takes the place of liquid manure. Used by dissolving in water. Trial size box, sufficient for 10 house plants for 3 months, 10c., postpaid. Regular size box, sufficient for 35 plants for 3 months, 25c., postpaid.



NOVA SCOTIA LAND PLASTER, KAINIT AND GROUND ALUM SALT—(Prices on Application.)

Sphagnum Moss. For growing orchids and packing plants and trees. Bbl., \$2.00.

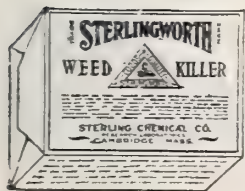
Jersey Peat. Per bbl., \$1.75.

Plain Pot Labels. Price, per 1,000: 3½ in., 65c.; 4 in., 75c.; 4½ in., 90c.; 5 in., 95c.; 6 in., \$1.10.

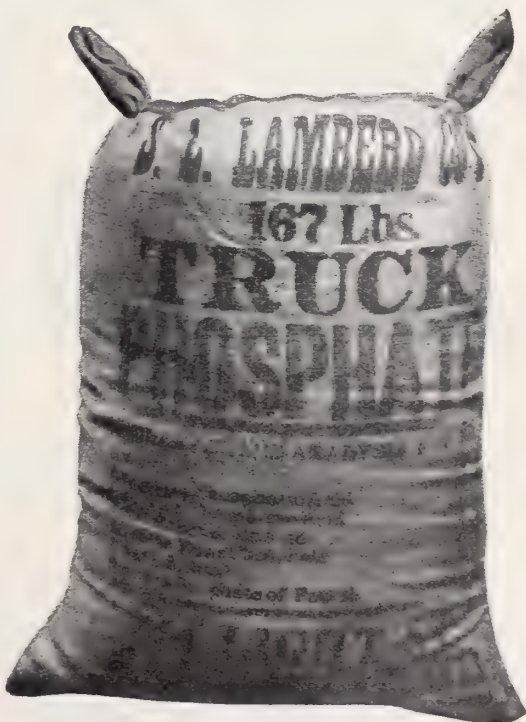
Painted Pot Labels. Price per 1,000: 3½ in., 85c.; 4 in., 90c.; 4½ in., \$1.05; 5 in., \$1.20; 6 in., \$1.35.

Light Plant Stakes. 1½ ft., per doz., 20c.; per 100, \$1.00. 2 ft., per doz., 30c.; per 100, \$2.00. 2½ ft., per doz., 40c.; per 100, \$2.50. 3 ft., per doz., 50c.; per 100, \$3.75.

Heavy, or Dahlia Stakes. 6ft., 2 for 25c.; \$1.45 per doz.



Sterlingworth Weed Killer is the most satisfactory and powerful weed killer. Price: 1 lb. package, makes 15 gallons, covers 45 to 60 sq. yds., 50c. 3 lb. package, makes 45 gallons, covers 130 to 180 sq. yds., \$1.25. 5 lb. package, makes 100 gallons, covers 300 to 400 sq. yds., \$2.00. It is a dry powder, to be dissolved in water.



High Quality and Low Prices is the Secret of our Success in Fertilizers.

Pratt's Horse and Cattle Food.

The great value received from its use makes it most profitable to all owners of horses, cattle, sheep and hogs. Pratt's Food is a regulator, to be used according to directions. It is not to be fed in place of grain or any other foodstuffs. Fed to horses it regulates their bowels, blood and digestive organs and prevents diseases to which they are generally subject. Keeps cows in good condition and makes them give more milk. Cures and prevents hog cholera and other diseases. Sheep will thrive on it. Pkg., 25c.; 7 lb. pkg., 50c.; 12 lb. bag, 75c.; 25 lb. bag, \$1.50.



Pratt's Poultry Food is absolutely pure, a guaranteed egg producer. Makes larger fowls, quickens the growth of chicks. Prevents and cures chicken cholera, roup, gapes and other poultry diseases. 26 oz. pkg., 25c.; 4 lb. pkg., 50c.; 12 lb. bag, \$1.25; 25 lb. bag, \$2.50.

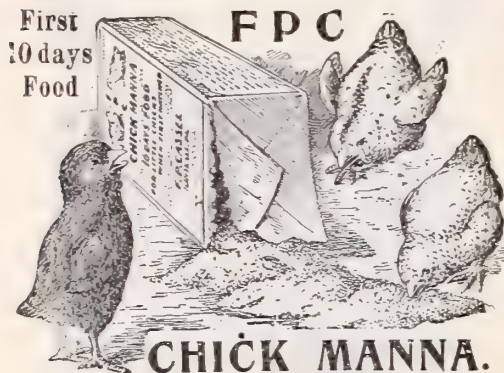
We also carry in stock a full line of Pratt's Veterinary and Poultry Remedies.

Cyphers Full-Nest Egg Food. Everybody wants eggs when eggs are high. You can get them by using Full-Nest Egg Food. Try



it, get more eggs and be convinced. It is a standard condition powder for all ages of poultry and is a concentrated meat food possessing tonic properties which promote good health and fine condition. It will help your birds through the moult. Full-Nest Egg Food contains no injurious drugs or chemicals. It is safe and easy to use. Price, 42 oz., pkg., 25c.; 25 lb. pail, \$2.00.

Chick Manna. Prepared with great care for little chicks just hatched. Peculiarly adapted to the promotion and health, quickening of growth and developing strong chicks. Very valuable for raising chicks in winter and early spring. 1 lb., 10c.; 5 lb. pkg., 40c.



Ovinaphthol Nest Eggs. The standard combined nest egg and lice killer. The use of this nest egg insures freedom from all kinds of insect pests in the nests. Safe to use and certain in results. Price each, 10c.; per doz., 75c.

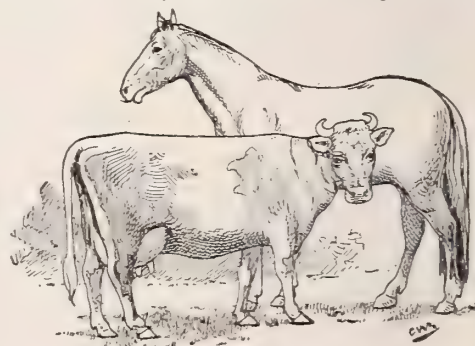
Hygeia Nest Eggs. Similar to the above. 5c. each; 50c. doz.

Bisque Nest Eggs. 3 for 10c.; per doz., 35c.

Porcelain Nest Eggs. 2 for 5c.; 25c. per doz.

No Flies Here. Easy to apply, safe to use, lasting in effect. More lasting than any other preparation, leaves no gummy substance behind, and does not injure the animal's coat. No other Anti-Fly mixture can compare with it. Price, per gal., \$1.50. Tin Sprayers. See page 64. 50c. each.

Cyphers Roup Cure. Cures roup, prevents and cures common colds. For canker, it is without an equal. It is used by simply dissolving in drinking water. Small size, 50c.; large size, \$1.00.

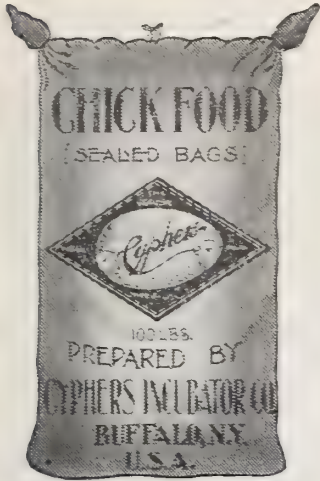


NO FLIES HERE.

Cyphers Poultry Foods.

Carefully and Scientifically Prepared. Put up in Sealed Bags, with Guaranteed Analysis on every bag and Full Directions inside.

Follow Directions Carefully and Insure Success.



Cyphers Chick Food. A carefully balanced mixture of many different seeds and grains proportioned to the needs of the growing chick. This food keeps chicks free from indigestion and bowel trouble. Will reduce the loss to a minimum. 5 lbs., 20c.; 10 lbs., 35c.; 50 lbs., \$1.50; 100 lb. sealed bag, \$2.50.

Cyphers Forcing Food. A highly concentrated food to be used where rapid growth is required, as in growing broilers and roasters. 5 lbs., 20c.; 10 lbs., 35c.; 50 lbs., \$1.25; 100 lb. sealed bag, \$2.25.

Cyphers Scratching Food. A combination of various grains, coarsely cracked. Just the thing to insure heavy yield of fertile eggs. 5 lbs., 20c.; 10 lbs., 35c.; 50 lbs., \$1.15; 100 lb. bag, \$2.25.

Cyphers Laying Food. A highly nutritious balanced ration, ready for making the daily mash. Produced from perfectly sound grains. 5 lbs., 25c.; 10 lbs., 35c.; 50 lbs., \$1.15; 100 lb. bag, \$2.25.

Cyphers Short Cut Clover. No mash is complete without it. Aside from food value it has high medicinal properties. 95% pure clover. 5 lbs., 20c.; 10 lbs., 30c.; 50 lbs., \$1.15; 100 lbs., \$2.25.

Cyphers Mealed Clover. Short cut clover reduced to a meal. Best form for small chicks. Contains entire clover leaves, stalks and blossoms. 5 lbs., 20c.; 10 lbs., 30c.; 50 lbs., \$1.15; 100 lbs., \$2.25.

High Protien Beef Scrap. Gives in soluble form the animal food which cannot otherwise be obtained. It causes rapid growth in chicks, assists in securing a heavy egg yield and helps the birds during moulting. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.65; 100 lbs., \$3.00.

Granulated Bone. Contains phosphates, lime and protien. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.75.

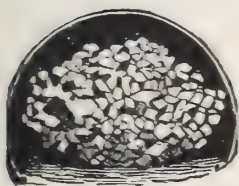
Fine Ground Bone or Bone Flour. Useful to mix with mash foods. It is not necessary with Cyphers Laying Food as it is a complete ration. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.75.

Charcoal. Aids digestion and promotes health of chicks to a wonderful extent. No poultryman can afford to be without it. Specially prepared and guaranteed pure. XX chick size and XXX coarse granulated. 1 lb., 5c.; 50 lbs., \$1.25.

Crushed Oyster Shell. Important as an eggshell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks, No. 2 for adults. 5 lbs., 10c.; 50 lbs., 40c.; 100 lbs., 60c.

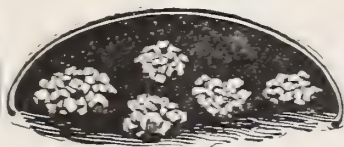
Mann's Crystal Grit. Light in color, free from dust, and is of a friable nature, which enables it to keep continually sharp under action of the gizzard. X for brooder chicks, XX for chickens, XXX for hens, ducks and turkeys. 5 lbs., 10c.; 50 lbs., 55c.; 100 lbs., 90c.

GRANITE CRYSTAL GRIT MAGNIFIED.
Crystal Formation.



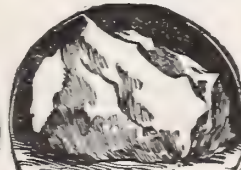
BEFORE.

Being Acted Upon by the Gizzard.



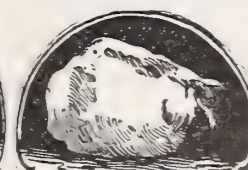
AFTER.

OTHER GRIT MAGNIFIED.
Homogeneous Formation.



BEFORE.

Being Acted Upon by the Gizzard.



AFTER.

Seeds and Grain

Wheat, Millet,
Barley, Hemp,
Canada Peas,
Kaffir Corn,
Sunflower, etc.
Market prices.

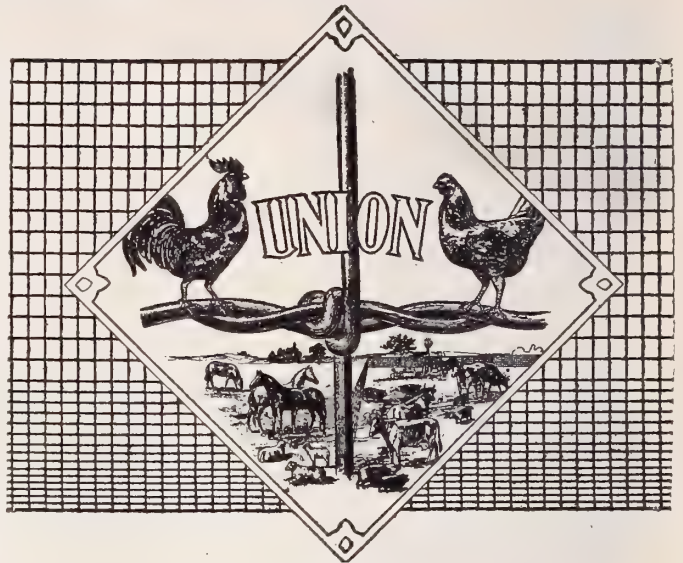
Prices Subject to Change Without Notice.

Union Lock Poultry Fencing.

The horizontal lines of this fence are composed of two No. 20 galvanized steel wires twisted together. Beginning at the bottom the spacing is as follows: 6 meshes $1\frac{1}{4}$ in., three $1\frac{1}{2}$ in., six 2 in., above that 4 in. This gives a fence with additional strength at the bottom and close enough to turn small chicks. The pickets are No. 19 galvanized steel wire, and are 3 in. apart; every part can be stretched perfectly and it will fit any unevenness of the ground, without cutting. Because of its strength and construction it requires about one-half the posts needed for ordinary netting, and no top or bottom rail.

Price list, per roll of 165 feet:

24 in. high.....	\$3.03	60 in. high.....	\$5.19
36 in. high.....	3.73	72 in. high.....	5.80
48 in. high.....	4.49	84 in. high.....	6.65



DIAMOND MESH POULTRY NETTING.

Price, per bale of 150 running feet, 2 in. mesh.

12 in. high, No. 19 wire, \$.95	No. 20.. \$.85
24 in. high, No. 19 wire, 1.90	No. 20.. 1.70
36 in. high, No. 19 wire, 2.80	No. 20.. 2.60
48 in. high, No. 19 wire, 3.70	No. 20.. 3.35
60 in. high, No. 19 wire, 4.65	No. 20.. 4.20
72 in. high, No. 19 wire, 5.60	No. 20.. 5.00

Diamond mesh netting, in any quantity less than a roll, at $\frac{3}{4}$ c. per square foot.

One inch mesh wire at \$2.00 per running foot.

Poultry wire staples, 8c. per pound.

Standard Co.'s Improved Positive Automatic Feeding Bone Cutters excel all other makes. All the Standard Bone Cutters are constructed with two horizontal cylinders. The cutter plates are fitted with knives always in sight, which will make ten complete cuts in Nos. 00, 0, 1, 2, 3 and 4; eight cuts in Nos. 6 and 7, and six in Nos. 8, 9 and 10. This confirms our claim for manufacturing the speediest bone cutters on the market.

If you are in need of a first-class bone cutter, we invite a careful inspection of the Standards, with the fullest confidence in their merits, and the most positive assurance that they will give you complete satisfaction. Prices from \$8.80 to \$19.90. Send for Special Catalogue.

MANN'S IMPROVED GREEN BONE CUTTERS.

No. 5 C—With crank handle.....	\$ 6.00
No. 5 B—With balance wheel.....	8.00
No. 7 —With balance wheel and stand.....	12.00
No. 9 —With balance wheel and stand.....	18.40

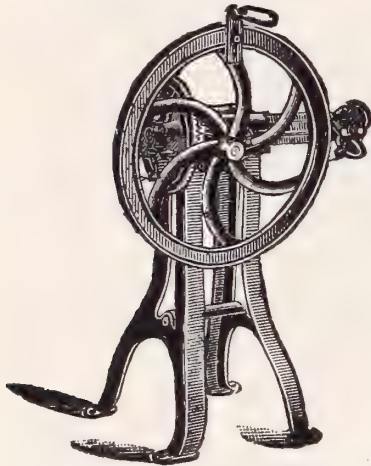
Prices of power machines on application.

MOUNTVILLE BONE MILLS.

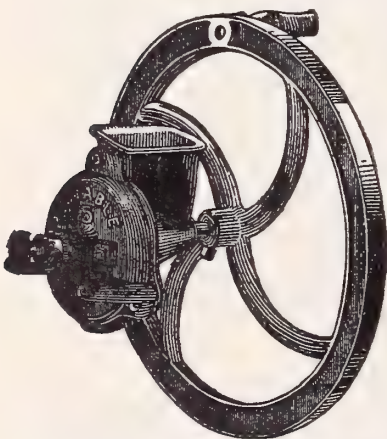
For grinding dried bones, shells and desirable for grinding and cracking corn. Not for green bone. Price of Mill, with balance wheel.....\$4.50 Price of Mill, with balance wheel and stand..\$5.50

Incubator Thermometers. Cyphers high-grade Incubator Thermometers, 65c. each, postpaid; two for \$1.20. Wire hangers, 10c. each. Brooder Thermometers. Brooder Thermometers, each, postpaid, 50c.; two, postpaid, 95c.

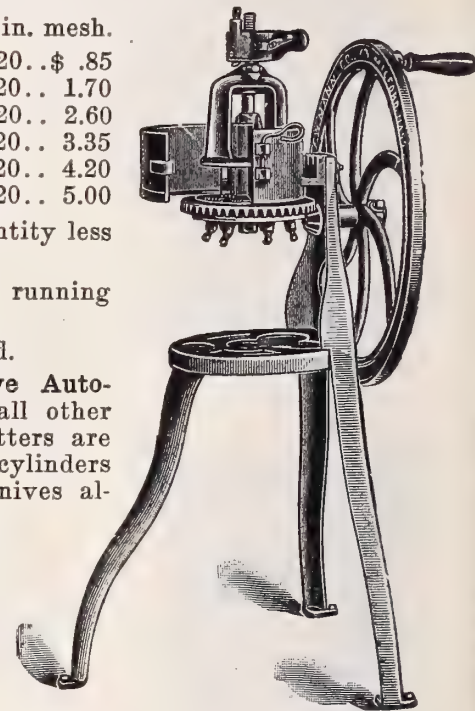
If Further Information is Desired, Drop us a Card.



STANDARD HAND CUTTER,
NO. 3



MOUNTVILLE BONE MILL



NO. 7, MANN'S BONE CUTTER

The Original and Genuine Cyphers Incubators.

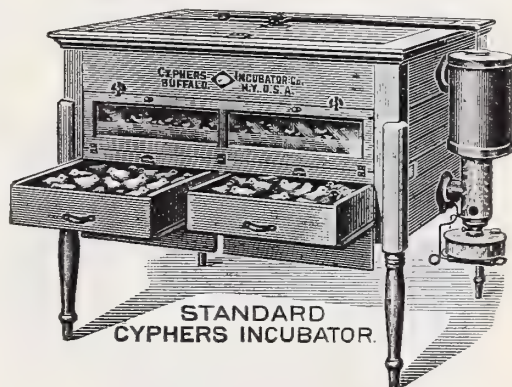
The Only Incubator that is Positively Guaranteed to do Satisfactory Work in the hands of Every Purchaser who will Give It a Fair Trial.

The Cyphers Incubators and Brooders are built for business. That is the idea. There is nothing fancy, nothing foolish about them. They are not parlor ornaments. You don't want incubators for ornaments. Every Cyphers Incubator and Brooder is built in a workmanlike manner, out of the best materials on the market and is slightly in appearance. While there is nothing fancy about them, no critic can place his hand anywhere on a Cyphers Incubator or Brooder and truthfully say, "This is inadequate; this is too cheap." In other words, every cent is spent on the Cyphers goods that is necessary, but not a penny more. The result is that the Cyphers capacity, quality of material and workmanship considered, are sold at reasonable prices, and the purchaser gets full value—gets what he wants—a practical incubator, and one that will last a lifetime with reasonable care.

Every standard patented Cyphers Incubator is positively guaranteed:

FIRST.—To require no supplied moisture. **SECOND.**—To be perfectly self-ventilating. **THIRD.**—To be self-regulating, being equipped with the most sensitive, accurate and durable regulator ever invented. **FOURTH.**—To operate with less oil and expense than any other make of incubator. **FIFTH.**—To be the simplest and easiest incubator to operate. **SIXTH.**—To produce larger, stronger and healthier chicks and ducklings than any other make of incubator. **SEVENTH.**—To bring out a larger average percentage of the fertile eggs in good healthy chicks or ducklings, in three or more hatches, than any other make of incubator when run in competition under the same conditions as its competitor. **EIGHTH.**—That each and every standard patented Cyphers Incubator sold under registered trade-mark will do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us within 90 days in good repair less reasonable wear and the purchase price will be refunded.

THE SECRET OF THE POPULARITY OF THE CYPHERS MACHINES is the grand results they give. They are built so different from others. They possess individual, characteristic, valuable features which insure success. The costly cotton and strawboard packing, the wonderfully successful fireproof heater, the absolutely accurate double-acting thermostat, the high grade thermometer and the way it is hung, the Cyphers diffusive principle, with its felt diaphragms, the inclined trays and the unique and natural method of turning the eggs, the non-moisture principle, these and other features make the Cyphers different from others and give successful results where others fail.



PRICE LIST.

We are prepared to sell Cyphers Incubators at the following prices, f. o. b. car or boat at Baltimore:

No. 0—70-egg size.....\$14.00	No. 2—244-egg size.....\$30.00
No. 1—144-egg size.....21.00	No. 3—390-egg size.....36.00

Handsome Illustrated Annual Catalogue mailed free on receipt of ten cents to cover postage.

FARM ECONOMY AND BOY'S CHOICE INCUBATORS.

There is a considerable demand for a low-priced incubator, and, while we do not have great faith in other than the very best machines, we believe we are warranted in offering such a machine as can be purchased by people who wish to attempt artificial incubation and not risk a great amount of money. This machine is manufactured by the Cyphers Incubator Co., and, while it is not as good an incubator as their standard, it is a better machine than any other low-priced incubator.

These machines are both made of kiln-dried lumber, all joints being thoroughly glued together and fastened with cement-coated nails. We believe them to be better than any other incubator on the market of like capacity and price.

Farm Economy, 110 eggs.....\$12.00	Boy's Choice, 50 eggs.....\$7.50
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We can furnish all popular sorts of eggs for setting, \$6.00 per 100. Setting of 15, \$1.50. Cash must accompany order for eggs.

Mrs. F. L. Colton, Cox, Md., says: Out of 213 fertile eggs I have hatched 207, and raised 203 chicks.

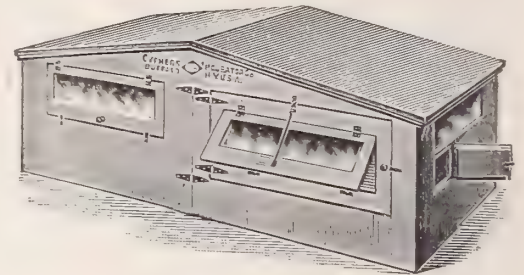
Cyphers, Style A, Three-Apartment Outdoor Brooders and Colony-House.

The Style A Brooder is the best brooding device on the market, for either indoor or outdoor use, regardless of price. Let us briefly enumerate the special merits of this brooder: First—It is the largest single flock, popular-priced brooder on the market. Second—It is rainproof and stormproof, having a heavy canvas covered roof. Third—It is fireproof and is heated by a Cyphers Insulated Brooder Stove. Fourth—The stove is safe and trustworthy. Fifth—The fumes from the stove cannot get into the chick chambers. Sixth—The cylindrical chick guard prevents crowding and does not permit the chicks to get too close to the heat dome. Seventh—The brooder stove is easy to get at. Eighth—When the temperature under the hover is 90 degrees, the temperature outside the hover is 85 degrees, while in the front apartment it will average several degrees lower. The chicks may therefore suit themselves, going to and from the heat at will. Ninth—There are no stairs to climb and so no danger of little chicks getting lost and chilled while learning the way.

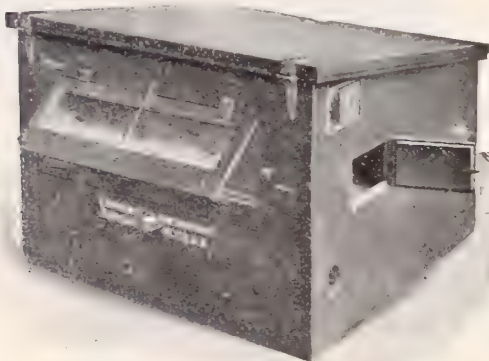
Price, complete, \$15.00, 75 to 100 chick capacity.

Cyphers Self-Regulating, Three-Apartment Outdoor Brooder and Colony-House. Similar to the above, but has a self-regulating device and double wall insulation for the hover chamber; also has shed roof, which is preferred by some poultry-men. This brooder can easily be converted into a well-ventilated colony roosting coop. Price, complete, \$18.00, 75 to 100 chick capacity.

Note. Purchasers can save freight by buying from us, as we sell Cyphers Incubators and Brooders at the same prices F. O. B., Baltimore, Md., as the manufacturers charge F. O. B., factory. We furthermore save you valuable time by prompt delivery from goods carried in stock.



STYLE A BROODER



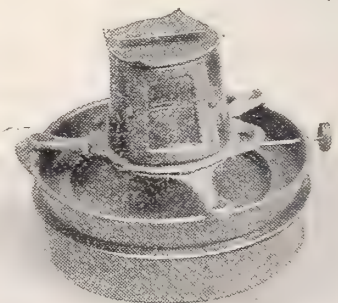
STORM KING BROODER

Cyphers Improved Hygienic Brooder. This brooder is the best device in the form of an individual indoor brooder thus far built for the safe and healthful rearing of chicks. This brooder is composed of three apartments: the outside one is hinged to the brooder proper, so as to drop to the floor. The body of the brooder is 42 in. by 32 in. in size and 12 in. deep; the heating apparatus and hover are the same as on the Style A and the two other brooders. It has two covers, a felt and a linen one. Price, complete, \$9.00, 75 to 100 chick capacity.

Cyphers Safety Brooder Stove. These stoves have positively no equal. Large oil tank, large safety water pan, reliable burners. We recommend this stove to anyone contemplating a home-made brooder. 7½ in. high, 10 ½ in. wide. Price, \$1.75.

Insulated Brooder Stove. This is the stove now being used in all brooders. Price, \$1.75.

Cyphers Storm King Outdoor Brooder and Colony Roosting-Coop. This brooder consists of the brooding apartment of the Style A, and colony brooder, without the exercising department of either. In all other respects, including quality and workmanship, is identical with the two above. Purchasers of the Storm King could easily construct an exercising apartment to be used in connection with this brooder. Price, complete, \$10.00, 75 to 100 chick capacity.

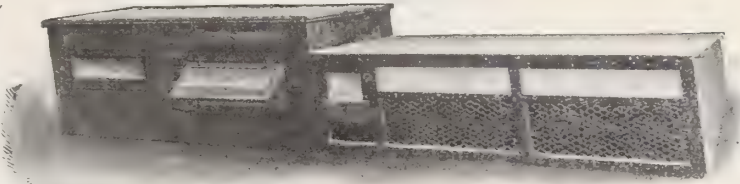


CYPHERS SAFETY BROODER STOVE

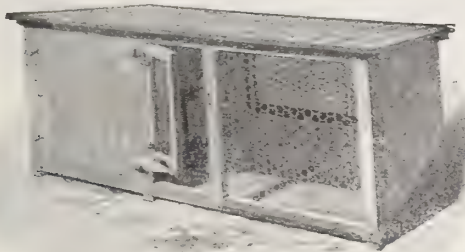
Mr. Christian Devries, Stevenson, Md., says: "Cyphers Machines Hatch Strong, Healthy Chicks."

CYPHERS CHICK SHELTER.

Used with any outdoor brooder. This shelter provides an open space where chicks can run outside the brooder and yet be protected from sun and storm. It is a most effective safeguard against cats, rats, hawks, etc., which so frequently reduce flocks. Small size, 6 ft. long by 3 ft. wide, \$5.00. Large size, 12 ft. long by 3 ft. wide, \$8.50.



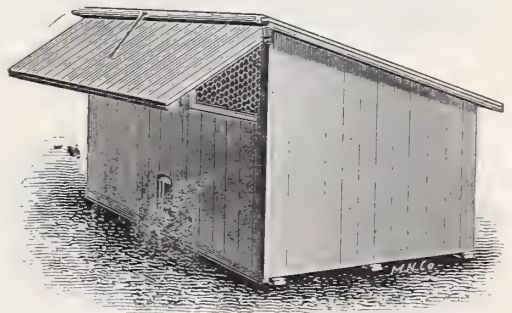
CYPHERS CHICK SHELTER



CYPHERS NEW MODEL BROOD COOP

CYPHERS COLONY-HOUSE.

The Colony-houses, or roosting coops, are recommended to all persons who wish to raise fowls to the best advantage. Size is 3 ft. by 6 ft., well built of good material and correct in principle, and are proof against the attacks of the four-footed enemies of poultry. Built so that they can be quickly taken apart, and are shipped in "knock-down" style, to secure low freight rates. Price, \$9.00 each.



CYPHERS COLONY-HOUSE



When Filled.

Pedigree Egg Trays. By which chickens hatched in a Cyphers Incubator from different lots of eggs can be kept separate. Prices: for No. 0 incubator, \$1.60 each; for No. 1, \$2.00 each; for No. 2, \$4.00 per pair; for No. 3, \$4.75 per pair.

We handle a complete line of Cyphers goods, such as Poultry Library, Egg Preservatives, Surgical Cases, Medical Cases, Egg Cabinets, Egg Packages, etc. Poultry Supply Catalogues will be furnished on application.

Safety Ark Egg Carrier. The best paper carrier on the market. By the 1,000 they can be furnished with advertisement printed on them. \$6.50 per 1,000; 65c. per 100; 10c. per dozen.

We can furnish all popular sorts of eggs for setting \$6.00 per 100; \$1.50 for 15. Cash must accompany order for eggs.

X-Ray Egg Tester. Used on ordinary hand lamp. For use in dark room. 25c. each; by mail, 35c.

Cyphers Practical Egg Tester. This is a very serviceable and practical tester. Equipped with extra strong reflector of superior quality and a heavy tin lamp. To get best results, this tester should be used in a dark room. Nothing to get out of order or wear out. Will last a lifetime. Price, complete, \$1.25.



PRACTICAL EGG TESTER

Prices of Eggs and Poultry Stock Cheerfully Quoted.

Atsatt's Chick Feeder.



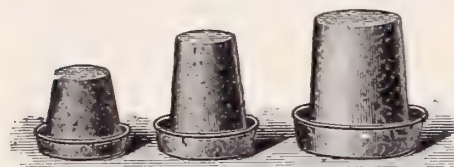
THE LATEST AND BEST FOR THE BROODER.

Meets a long-standing want. Chicks cannot get into it to dirty the food. The top removes to fill or clean. Equally good for water or food. Cannot rust. Just the thing for the brooder. Price, 25c.; by mail, 35c.

Hallock Food and Water Holders. Made in two parts. The top is released from the pan by pressure on the upper standard.

By this method the pans may be quickly cleaned and filled. Wires prevent birds from getting into the pan. Small, 75c.; medium, \$1.00; large, \$1.25.

Cyphers Galvanized Drinking Fountains. Heavy galvanized iron, with seams carefully turned and soldered. Slightly conical, flat tops. Small, 20c.; medium, 25c.; large, 35c. Special duck size, 50c.



CYPHERS FOUNTAINS

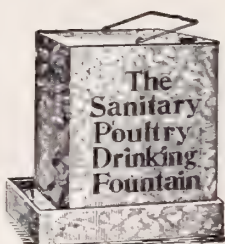
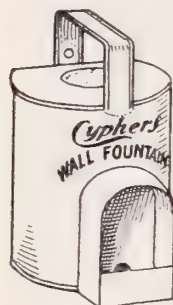


HALLOCK'S FOOD AND WATER HOLDER

Cyphers Wall Fountains. Made of the best galvanized iron and will last many years with proper treatment. Readily cleaned. Two sizes. 1 gal., 50c.; 2 gal., 75c.

Sanitary Drinking Fountains. Will go into any brooder. Heavy galvanized iron. 1 gal. size, 50c.; 2 gal., 85c.

Sanitary Shell and Grit Box. For grit, shells, charcoal, etc. Three compartments. Effects great saving of food. Price, 50c.



Dry Food Hopper. Made on the same principle as the shell box, but is larger and has only two compartments. One with a capacity of six quarts and the other with a capacity of three quarts. Sanitary and very economical. Price, 75c.

Wire Nests. Strongly made of heavy japanned steel wire. No room for lice or vermin. 15c. each; \$1.50 per dozen.



Philadelphia Poultry Marker. Made in two sizes, as shown by dots on cut. Large for adults, small for chicks. 25c. each, postpaid.

Cyphers Perfect Poultry Marker. Made after the style of a ticket punch. Very handy. Price, 50c. each.



WIRE NEST

Davis Chick Marker. Cuts two sizes, as shown on cut. Price, 25c.

Feed Pans. Well made, of galvanized iron and are very useful. Price, each, 20c., 15c., 12c., 10c.

Anti-Lice Roost Hangers. Easy put up and durable. Per pair, 20c.

Gape Worm Extractor. Easily used, effective. By mail, 25c.



Improved Champion Leg Band. Made from one thin strip of aluminum. Adjustable to any size bird. Prices, postpaid: 12, 15c.; 25, 30c.; 50, 50c.; 100, 80c. State numbering desired. Numbered from 1 to 100.

Leader Adjustable Leg Band. Similar to the above, only that the band is cut to the required length. 12, 15c.; 25, 25c.; 50, 40c.; 100, 75c.



IMPROVED CHAMPION LEG BAND



G.P. PILLING & SON PHILA.



PHILA. POULTRY MARKER

For Cast Iron and Steel Poultry Troughs, see page 59.

Leg Bands.



LEG BANDS

No. 1—For Bantams and small Mediterraneans.

No. 2—Mediterranean females.

No. 3—Mediterranean males, American females.

No. 4—Large American females, small American males and Asiatic females.

No. 5—American males, Asiatic females, small Asiatic males, turkeys.

Smith Sealed. Every band numbered differently; made of aluminum. 12, 30c.; 25, 50c.; 50, \$1.00; 100, \$1.50.

Double Clinch. Aluminum band secure fastener, numbered from 1 to 100. 12, 15c.; 25, 25c.; 50, 40c.; 100, 75c.

Climax. Brass wire band, aluminum tag, numbered from 1 to 100. Price, same as above. Sizes 1 to 5; order as per scale above.

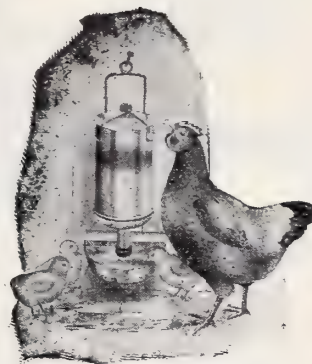
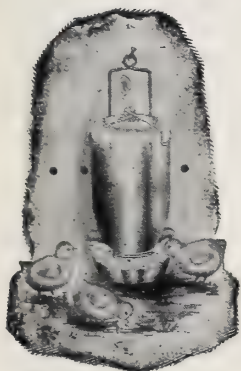
We also carry Pigeon Bands.

Davis Combination Food and Water Fountain. The only fountain on the market which can be satisfactorily used for either water or grain, grit, oyster shells, etc.

The only fountain which is adapted to hold any ordinary glass bottle or can as a water retainer. It is hung up and cannot get tipped over or filled with dirt, as do fountains arranged to be set on the floor, and chicks can't get drowned in it.

Can be emptied and refilled in an instant without removing bottle or can from the holder. Merely invert and slip mouth of bottle or can to one side, fill, replace and turn fountain to upright position again.

Price, 25c. We do not furnish the bottle.



Davis Anti-Lice Roost Brackets.

No. 1, or Single Roost style—Brackets only.

Per pair....\$.75 Six pairs.... 3.50

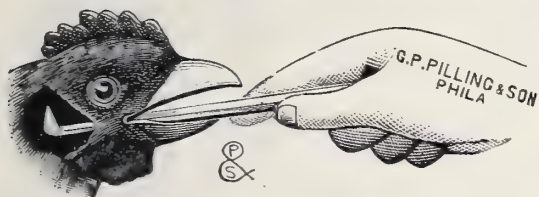
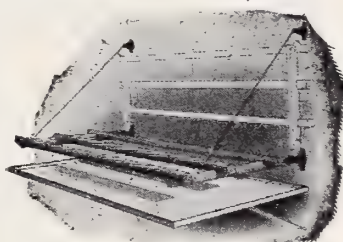
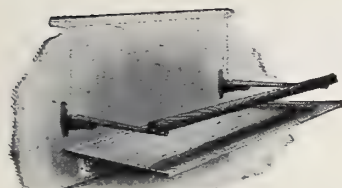
Three pairs.. 2.00 Twelve pairs 6.25

No. 2, or Multiple Roost style—Brackets, complete, as above, without roosts.

Per set... \$1.25 Six sets.... 6.00

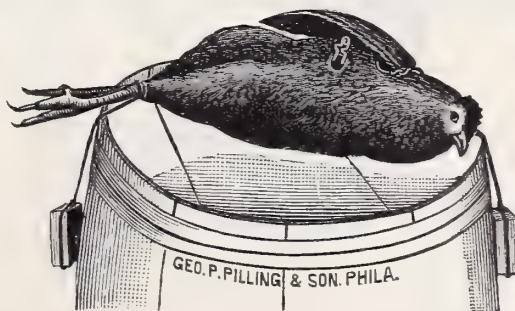
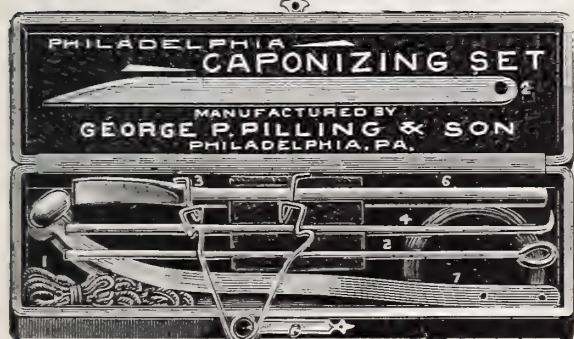
Three sets . 3.25 Twelve sets 11.50

Write for Circular.



French Poultry Killing Knife. Extra fine steel. 50c. Pilling's Poultry Killer. 50c.

Philadelphia Caponizing Set. Complete, with instructions, \$2.75. In velvet-lined case, as per engraving, \$3.00. We send the book, "Complete Guide to Caponizing," with every set.



The Farmers' Caponizing Set differs somewhat from the Philadelphia Caponizing Set, in as much that a twisting and tearing scoop is used instead of the canula for removing the testicles. Price, complete with instructions, in velvet-lined case, \$3.25 per set, prepaid.

Write for Circulars Giving Full Particulars.

Horse and Cattle Instruments.

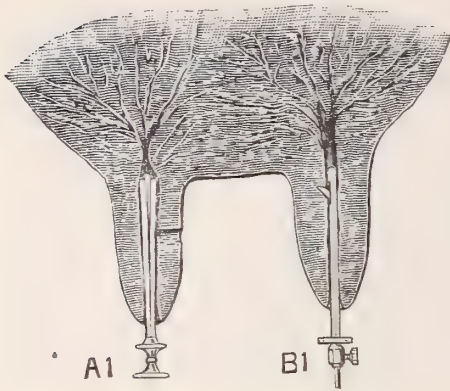


Fig. A1. Shows Pilling Teat Dilator, for treating leaky teats.

Fig. B1. Shows Pilling Teat Bistoury or Slitter, for hard milkers.

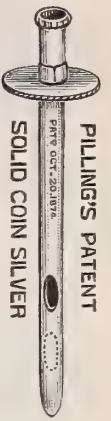
The use of these is easy and extremely successful.

Prices.

Pilling Bistoury or Slitter (B1).....\$1.50
Pilling Teat Dilator (A1)..... 1.00
Full directions with each.

PILLING MILKING TUBES.

For sore and obstructed teats and hard milking cows.
Price, according to size, from 40c. to \$1.25.

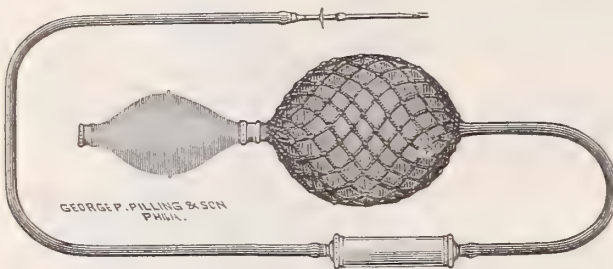


THE PILLING MILK FEVER OUTFIT.

The Pilling Milk Fever Outfit is made according to specifications furnished by the U. S. Department of Agriculture. All genuine Pilling Milk Fever Outfits have our trade-mark. Beware of imitations that claim to be "Just as Good."

Price, with full directions, postpaid.....\$3.00

THE PILLING THREE-RING STRICTURE CUTTER FOR COWS' TEATS.



PILLING CATTLE TROCARS FOR BLOAT.



The Pilling Cattle Trocar will promptly and safely relieve Bloat—save the life of your cow. Every owner of cattle should have one on hand. Easy to use. Postpaid, with full directions, \$1.50.



Although the construction of this instrument is entirely different from the Pilling Plain Teat Bistoury, yet it is used for the same purpose. It is considered more convenient on account of the three rings. Sure remedy for hard milkers.

Price, with full directions, postpaid.....\$3.00



Conkey's Roup Cure. Conquers this most dread disease of the poultry-yard and restores the fowls to health and profit. Price, \$1.00 and 50c., postpaid.

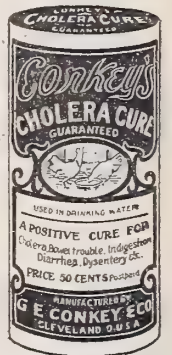
Conkey's Cholera Remedy. A sure cure, and a preventive. Price, 50c., postpaid.

Conkey's Gape Remedy. A sure cure for this terrible enemy of little chicks. Price, 50c.; postpaid, 60c.

Conkey's Laying Tonic. A sure egg producer. Price, 25c.

Conkey's Nox-I-Cide. Disinfectant and Germ Destroyer. Pint, 35c.; quart, 60c.

Conkey's Lice Liquid. Exterminator of the Mite. 1 qt., 35c.; 2 qts, 60c. Expressage extra.



Conkey's Chicken Pox Remedy. This is called by different names in various localities—Sore Head, Warts and Pian. They are all the same disgusting disease and this will cure it. Price, 50c., postpaid.

Conkey's Limber Neck Remedy. When fowls eat putrid flesh, they are liable to have ptomaine poisoning, called Limber Neck. This remedy cures if given at the first start. It should be kept on hand. Price, 50c., postpaid.

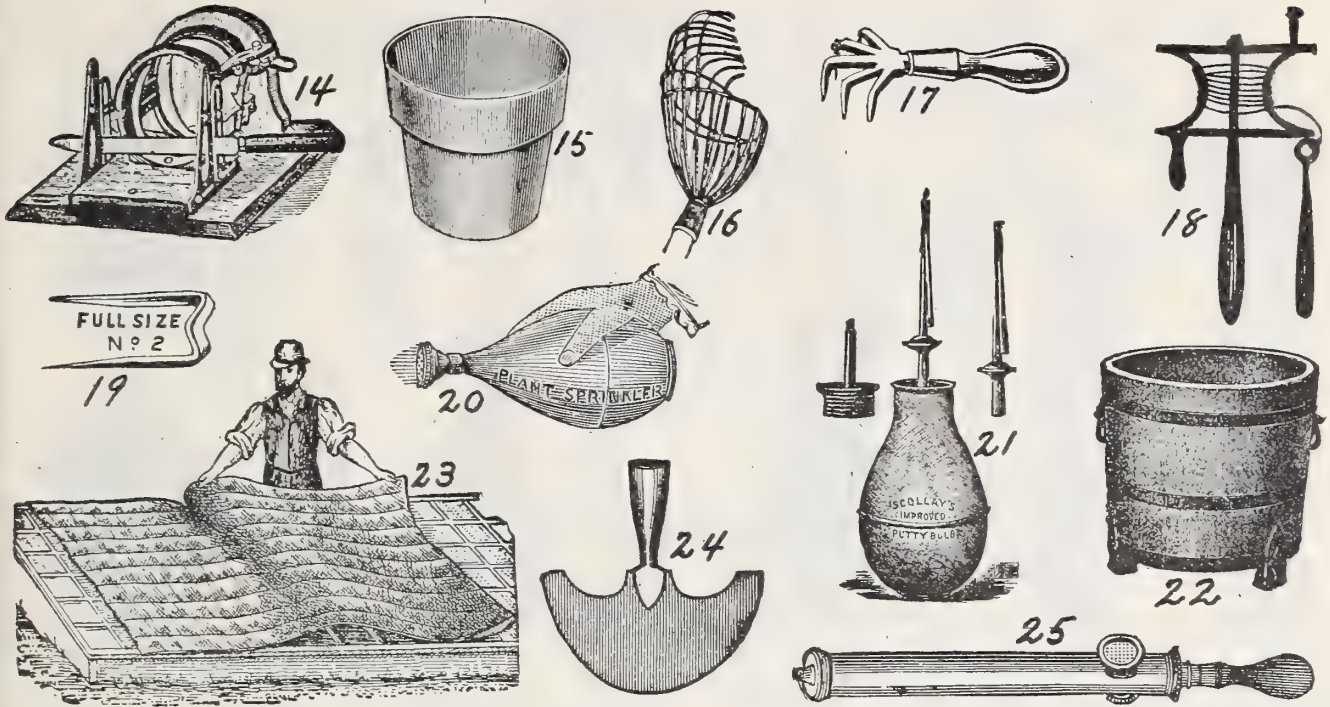


Conkey's Lice Powder. Sure death to body lice. 5 oz. pkg., 10c.; 15 oz. pkg., 25c. Add 1c. per oz. for postage.

Conkey's Poultry Tonic. General tonic for minor ailments that are not determined. Will often stop a disease at the start. Price, 25c.

Conkey's Scaly Leg Remedy. This cures Scaly Leg, and is excellent for dressing the feet and legs of show birds. Price, 50c., postpaid.

With every purchase of Conkey's Remedies, we give a book on Poultry Diseases.



HOTBED SUPPLIES.

Best White Pine Sash. Made to hold either 24 or 28 8x10 panes. These sash are grooved so that the panes slide in and butt one against the other. Price of either size, 90c. each.

Hotbed Glass. 8x10 per box of 90 panes, \$2.50.
Hotbed Mats. (Fig. 23.) Strong burlap, interlined with wool. 40x76 size, covers one sash, 75c.; 76x76, covers two, \$1.20. Special prices by dozen.

Duck, one side, 40x76, \$1.45; duck, both sides, 76x76, \$1.70.

Plantbed Cloth. Light, 4c. per yard; by the bale, 3½c. Medium, 8c. per yard; by the bale 7c. Heavy, 11c. per yard; by the bale, 10c. A bale contains about 60 yards.

Marlin. For making straw mats. 5 lbs., 90c.

Twemlow's Old English Glazing Putty. Semi-liquid and elastic. For bedding glass in sash, or for filling cracks or seams in roof joints or frames of greenhouses or hotbeds. Applied with machine, bulb or brush. This putty is ground in pure linseed oil and will stay on. 1 gal. can, \$1.25.

Putty Bulbs. (Fig. 21.) Scollay's, \$1.00.

Van Reyper's Glazing Points. (Fig. 19.) Simple and positive, no rights or lefts. Per 1,000, 60c.; by mail, 75c. Pincers, 50c. per pair; by mail, 60c.

Asparagus Buncher. (Fig. 14.) \$1.50.

Asparagus Knife. Solid steel blade, 30c.

BASKETS.

Picking Baskets. Half-bushel size. Prices per dozen, without handles, \$1.50; with bow handles, \$1.75; drop handles, \$2.00.

White Oak Baskets. Side-handled, 1 bu., 60c.
Rattan Baskets. With side handles, very strong. 1 bu. size, 90c.; 2 bu., \$1.25.
Corn Barrels. With handles, \$5.00.

BRASS GARDEN SYRINGES. (Fig. 25.)

No. A. One Spray Rose and Jet. 12x1 in., \$2.00. Same syringe (polished, but not lacquered), \$1.50.

No. 2. Open Roses, Two Spray Roses and Jet. Side attachments, 14½x1 5-16 in., \$3.75.

No. 5. Cone Valves, Two Spray Roses and Jet. Side attachments, 18x1½ in., \$6.25.

Hand Sprinklers. (Fig. 20.) Rubber bulb, with metal spray head. Small, 75c.; large, \$1.00.

Fruit Picker. (Fig. 16.) The best style, 35c.

Edging Knives. (Fig. 24.) 8 in., English, \$1.15 and \$1.25. Handled American Edger, 50c.

Fodder Yarn. 9c. per lb. 50 lb. bale, 8½c.

White and Yellow Pine Garden Boxes. Prices on application.

Garden Reels. (Fig. 18.) 75c. and \$1.00.

Excelsior Hand Weeder. (Fig. 17.) 10c.

Eureka Hand Weeder. Very useful and strong. 25c.

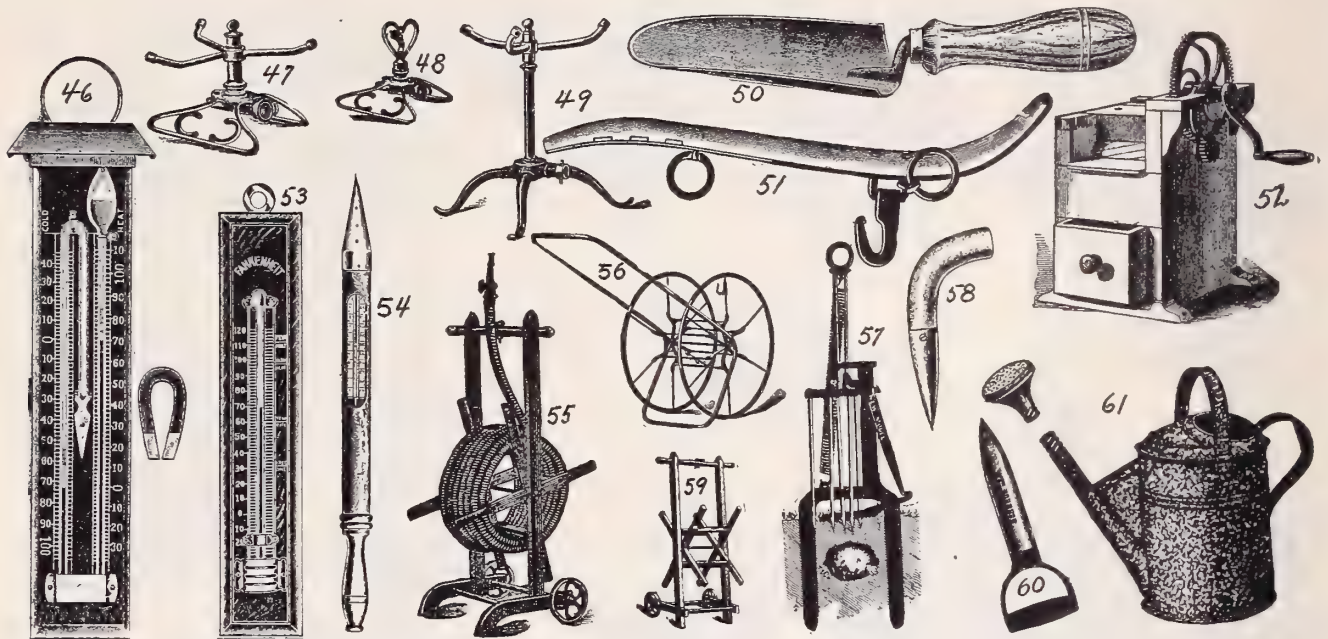
Raffia. For tying plants. Per lb., 20c.

Tree Tubs. (Fig. 22.) Cypress, painted green, iron bound and iron feet. No. 1, 12 in., \$1.35; No. 2, 13 in., \$1.65; No. 3, 14½ in., \$2.00; No. 3½, 16½ in., \$2.60; No. 4, 19½ in., \$3.25.

FLOWER POTS. (Fig. 15.)

3 in., per hundred, \$1.00...per thousand, \$ 7.50
3½ in., per hundred, 1.25...per thousand, 9.00
4 in., per hundred, 1.50...per thousand, 12.00
5 in., per hundred, 3.00...per thousand, 22.00

PLANT LABELS—page 37.

**THERMOMETERS.**

No. 650. Registering Thermometer (Fig. 46) \$2.25
 No. 208. 8 in. Pear Wood Scale (Fig. 53), 30c.
 Cottage Thermometer and Barometer, 60c.
 Hotbed Thermometer, brass end (Fig. 54), \$1.00.
 First Class Watertown Thermometer, \$1.00.
 Incubator and Brooder Thermometers, p. 40.

GARDEN HOSE, HOSE REELS and FITTINGS.

$\frac{3}{4}$ in., 3-ply, White Cross Hose..... 8c. per ft.
 $\frac{3}{4}$ in., 3-ply, Neponset Hose.....10c. per ft.
 $\frac{3}{4}$ in., 3-ply, Pontiac Hose.....12c. per ft.
 $\frac{3}{4}$ in., 3-ply, Wauregan Hose.....14c. per ft.
 $\frac{3}{4}$ in., 3-ply, Sagamore Hose.....15c. per ft.
 $\frac{3}{4}$ in., 3-ply, Magnolia (White) Hose..13 $\frac{1}{2}$ c. ft.
 $\frac{3}{4}$ in., 3-ply, Aurora (Red) Hose..13 $\frac{1}{2}$ c. per ft.
 6 in. plain Hose Nozzle.....each, 30c.
 Combination Hose Nozzles..... " 40c.
 Hose Couplings " 15c.
 Hose Clamps.....per doz., 40c., " 5c.
 Hose Menders, Iron, \$1.00 per doz.; Wood, 15c.
 Iron Hose Reels. (Fig. 56.) For 100 ft., \$2.50.
 Wood Hose Reels. Fig. 59.) \$1.00 each.



WASHING MACHINE

**MAJESTIC
ROTARY WASHER.**

The lightest running machine on the market. Ball bearings, well balanced flywheel. Washes most delicate fabric without injury. \$7.00

**Wood Frame
Wringer, 1st Grade.**
 12 in. roll, \$4.50; 10 in. roll, \$3.25; 2nd grade, 10 in. roll, \$2.25.

Superior Wringer. Iron frame, 12 in. roll, \$3.25; 10 in. roll, 2.25.

GALVANIZED WATERING CANS. (Fig. 61).
 Made of heavy galvanized iron, removable rose.
 4 quart, 45c. 8 quart, 55c. 12 quart, 65c.
 6 " 50c. 10 " 60c. 16 " 75c.

TROWELS AND DIBBLES.

English make (Fig. 50.) Wrought shank, 6 in., 40c.; 8 in., 50c.
 Florists' Trowels, stamped steel, first grade, 6 in., 25c.; cheaper grade, 10c.
 Transplanting Trowels one piece, heavy, 6 in., 20c.; 8 in., 25c.
 Iron Handle Dibble (Fig. 60.) For transplanting, 40c.
 Wood Handle Dibble (Fig. 58.) Steel point, 30c.
 Transplanting Hoe Trowels. Largely used by gardeners in setting out cabbage plants, etc. Length of blade, 7 in. Price, 40c.
 Berry Trowels. Price, 40c.

HAMES AND STRAPS.

Iron-bound Hames (Fig. 51.) 75c. per pair.
 Louden Patent Hames, 80c. per pair. Taylor Root Hames, 60c. Hame Straps, 15c. and 20c. each. Hame Strings, 3 for 25c.

LAWN SPRINKLERS.

Columbia (Fig. 49.) 3 arms, 12 in. high, \$1.25.
 Preston (Fig. 47.) \$1.00. Busy (Fig. 48.) 75c.

HORSE RADISH GRATER. (Fig. 52.)

Wood roller, with steel pins. For hand use. \$7.50.

MOLE TRAPS.

New Model (Fig. 57.) The best, very compact, \$1.50. Out-of-Sight, convenient for hotbeds, 75c.
Canvas Back Bands. Heavy and full length, with leather loop, 75c.; with pat. snap, 50c.
Trace Chains. 7 ft., straight link, hook or ring. Close link, 75c. per pair; long link, 65c.
Cow Chains. Tying out, 75c. and \$1.00; stable ties, 25c.
Breast Chains. Double, per pr., 45c.; single, 35c.
Plow Lines. Cotton, 45c. per pair; Sisal, 30c.
Curry Combs. 8 bar steel, 25c.; 2nd grade, 15c.
Horse Brushes. All bristles curry brush, \$1.25. Mixed bristles, 75c.; cheaper grades, 25c. & 50c.
Push Brooms. For stable use, hand made, 50c. Rattan and bass.



HAND PRUNING SHEARS AND GRAPE SHEARS.

10 in. full polished German Pruner, \$1.50.
 8½ in. full polished German Pruner (Fig. 1), \$1.00.
 8½ in. japanned German Pruner, 85c.
 8½ in. full polished German Pruner, brass spring which never wears out, \$1.50.
 8½ in. French Pruner (very good), \$1.25.
 9 and 8 in., No. 1537, a good Pruner, 50c.
 6 in. Ladies' Pruner, full polished, 75c. and \$1.00.
 7 in. Grape Picker (Fig. 6), 35c.

TREE PRUNERS AND KNIVES.

Henry's Improved. (Fig. 3.) Open fork and down cut. 8 ft., \$1.00; 10 ft., \$1.10; 12 ft., \$1.25.
 Water's. (Fig. 4.) The best known. 6 ft., 85c.; 8 ft., 95c.; 10 ft., \$1.00; 12 ft., \$1.10.

Budding Knives. Ivory handle. (Fig. 11.) Or horn and ivory. (Fig. 10.) Either, \$1.00.

Pruning Knives. The best made. (Fig. 12.) 60c., 70c., 90c. and \$1.00.

HEDGE, PRUNING AND BORDER SHEARS.

Solid Steel Imported Hedge Shears. (Fig. 5.) The celebrated English shears. 10 in., with notch, \$2.00; 9 in., with notch, \$1.75; 8 in., with notch, \$1.50. All 25c. less without notch; the latter is very useful in heavy trimming.

No. 1 "Red Clipper" Draw-cut Pruning Shears. (Fig. 8.) Made of best tool steel, hand forged, oil tempered. 25 in. hdl., \$2.00; 22 in. hdl., \$1.75.

No. 105 Border Shears. (Fig. 7.) 10 in., \$2.50; without wheel, \$2.25.

GRASS AND SHEEP SHEARS. (Fig. 13.)

Full polished imported shears, \$1.00.

Half polished, excellent quality, 25c. and 50c.

Lawn Shears. 2 wheels, 8 in. blade, for cutting on narrow borders, under fences and shrubs. \$2.75.

PRUNING SAWS AND BUSH HOOKS.

Double Pruning Saw. (Fig. 39.) 18 in., 70c.
 Single saws, \$1.00.

Bush Hooks. (Fig. 40.) 75c. Extra heavy socket hook, with knife back, \$1.25.

GRASS HOOKS.

"Blue Ribbon" Grass Hook. (Fig. 43.) 35c.

Grass Hooks. (Fig. 2.) English, 50c.; German, 30c.

HAY KNIFE, CORN KNIVES AND HOOKS.

Lightning Hay Knife. (Fig. 45.) 75c.

Corn Knives. Straight, concave or convex edge, 25c. Corn Hooks, 35c. each.

SCYTHES, SNATHES AND SCYTHE STONES.

English Waldron Scythe. 30 in., \$1.20; 36 in., \$1.30; 38 in., \$1.40; 40 in., \$1.50.

Peace's Riveted Back Scythe. Imported. Very keen cutter, 36 in., \$1.20; 38 in., \$1.30; 40 in., \$1.40.

38-40 in. Clipper Grass Scythe. 80c.

American Weed Scythe. (Fig. 44.) 90c. Bramble, 75c.

Scythe Stones. Eng. 20c.; Darby Creek, 10c.

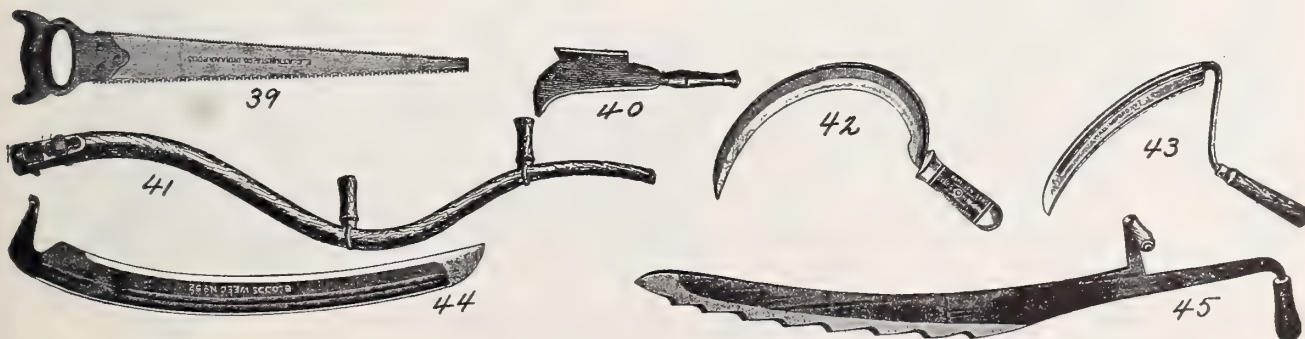
Snathes. (Fig. 41.) Patent Grass, 65c.; heavy two-ring Bush Snathes, 75c.

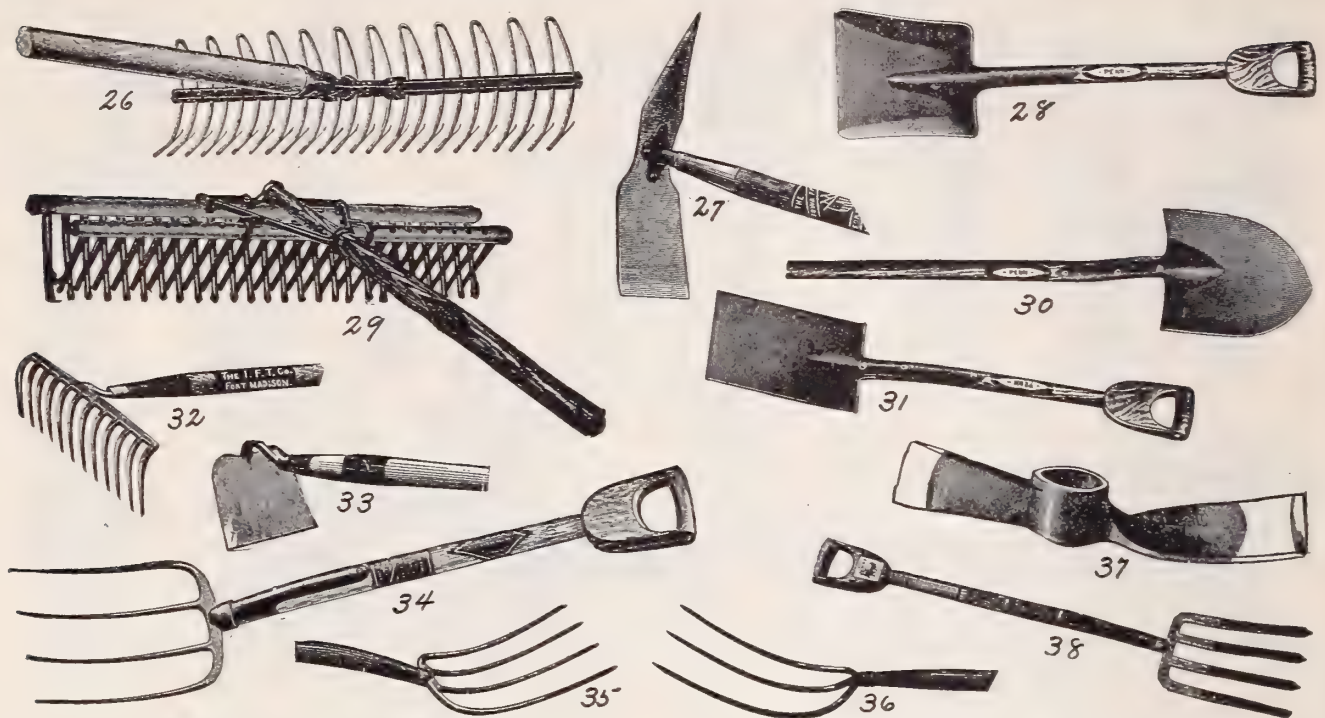
GRAIN CRADLES.

Hand-made, four-fingered Cradle, with English blade, \$4.50; with American blade, \$3.25.

Cradle Blades. English, \$1.80; Am., \$1.00.

Grafting Wax. ¼ lb., 10c.; ½ lb., 20c.; lb., 35c.





SHOVELS AND SPADES.

D hdl., square point. Ames. (Fig. 28.) Best No. 3, \$1.15; No. 4, \$1.25. 2nd grade, No. 4, 65c.; No. 5, 75c.

Long hdl. round point. (Fig. 30.) Ames, \$1.25; Dye, 75c.

D hdl. Coal Scoops. No. 4, 70c.; No. 5, 80c.

D hdl. Spade. (Fig. 31.) 90c.; Ames, \$1.25.

PICKS, MATTOCKS AND HANDLES.

Picks, best steel, 55c.

Mattocks. (Fig. 37.) Best, 70c.; good, 60c.

Pick and Mattock Handles. 20c.

GARDEN, PLANTERS AND SCUFFLE HOES.

Solid Socket. (Fig. 33.) 8 in., 40c.

Riveted Shank. 8 in., 30c.

1-Pt. Weed. (Fig. 27.) 6 in., 25c.

2-Pt. Weed. 6 in., 30c.

Handled Planters. 7½ in., 50c.

Scuffle Hoes. English, 8 in., 70c.; 6 in., 50c.

Hdl. American Scuffle Hoe, 50c.

Potato Hooks. Oval, 4 tine, 50c.

Dock Lifter. Heavy, with D hdl., \$2.25; light, 75c.

OIL CANS, OILS, AXLE GREASE.

Machine Oilers, 10c.

Royal Axle Grease. Dark. 15 lb. pails, 75c.; 25 lb. pails, \$1.00.

Mica Axle Grease. 15c.; 3 lb. pails, 25c.

Harvester Oil. Gal., 65c.

Gasoline Engine Oil. Gal., 65c.

Hard Oil, for gasoline engine. 1½ lb. cans, 20c.; 5 lb. cans, 75c.

Cream Separator Oil. Gal. 75c.

UNIVERSAL POST HOLE

DIGGERS. (Fig. 50.)

Strong and durable, easily operated. \$1.75.

New Champion Post Hole Digger. \$1.00.



FIG 50

GARDEN, LAWN AND HAY RAKES.

Ney Self-cleaning Lawn Rake. (Fig. 29.) Readily cleaned by a back motion of the rake. Will not tear grass. 22 t., 60c.; 26 t., 70c.

Lawn Queen Rake. (Fig. 26.) Steel head, with heavy steel wire teeth. Strong and durable. Reversible for leaves. 21 in. wide, 24 t., 50c.; 21 in. wide, 46 t., 65c.

Superior Hand-made Wood Lawn Rakes. The best of its kind; very substantial, 20 t., 35c.

Superior Hand-made Hay Rake. 20 t., 25c.

Steel Garden Rakes. (Fig. 32.) 14 t., 55c.

Malleable Garden Rakes. 12 t., 30c.

Ole Olsen Rake. Very strong, durable wood. This rake head is slightly curved from the center to each end, which does not allow any material that has been caught by the teeth to slip around the edges. 26 t. Price, 50c.

MANURE, HAY AND SPADING FORKS.

No. 64; Manure Fork. (Fig. 34.) \$1.20.

Long hdl. Manure Fork. (Fig. 35.) 4½ ft. hdl., 4 prongs, strapped, 70c.

Long hdl. Hay Forks. (Fig. 36.) 2 prongs, 55c.; 3 prongs, 60c.

D. hdl. Spading Forks. (Fig. 38.) 80c.

AXES, HATCHETS AND HANDLES.

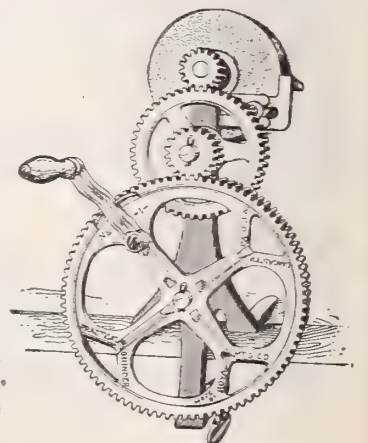
Red Warrior Axes. Excellent quality, 70c.

Red Warrior Axes. Complete, with hdl., \$1.00.

Hatchets. High grade, No. 2, half pattern, 55c.

Axe Handles. 20c.

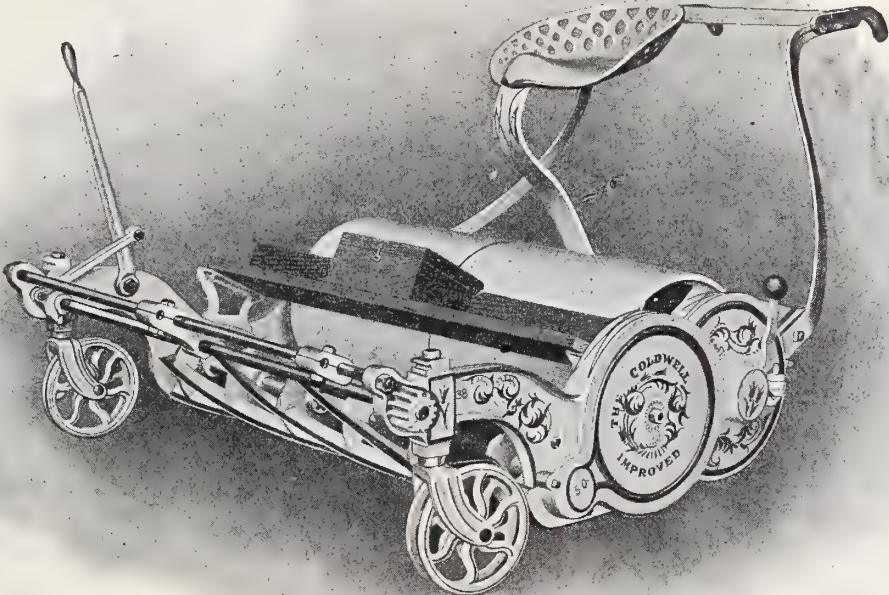
The "Beats the Grindstone" kind are the only practical grinders that sharpen tools and knives quickly, and do not glaze or draw the temper of the finest steel, because equipped with Alundum Grinding Stone. No. 1a, price, \$2.50. Write for circular.



PRACTICAL GRINDER.

Coldwell's Improved Horse Lawn Mower.

Coldwell's Improved Horse Lawn Mower is conceded to be superior to any other mower on the market. This is the opinion of experts, both mechanics and men who have had long experience in caring for lawns. Some of its points of merit are: Light draft, large driving rollers, non-clogging castor wheels, can be thrown out of gear without driver leaving seat, both sides of machine can be adjusted at once, device for instantly raising all knives from the ground when passing over stones or other obstructions, or when drawing over a roadway, side-draft attachment to prevent horse from walking on grass before it is cut. Coldwell Mowers wear well. The material is the best. Coldwell Mowers were adopted several years ago by the Baltimore City Parks and have been used since then in preference to other makes. They are also used by the leading Country Clubs and on the principal lawns around Baltimore. Guaranteed to be the best.



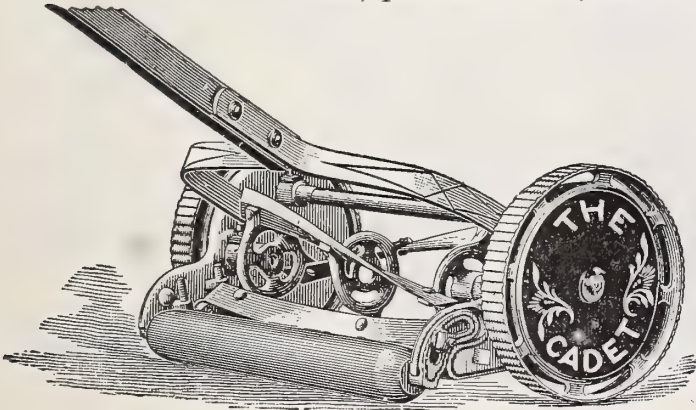
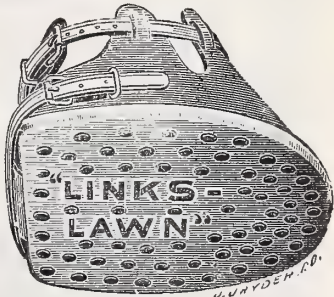
25 in., without seat or shafts.....	List Price.....	\$ 65.00	Retail Price.....	\$40.00
30 in., complete with seat and shafts “ “	110.00	“ “	65.00	
35 in., “ “ “ “ “ “ “ “	135.00	“ “	80.00	

If draft rod is wanted instead of shafts and seat, deduct \$5.00 from retail price.

THE LINKS LAWN BOOT.

Specially designed for tennis courts, golf links and fine lawns. The result of years of experience. Simple, durable, water-proof. Steel rivets used throughout. Curved toe prevents cutting of lawn.

No. 2, 5½ in.; No. 4, 6½ in.; No. 6, 7 in.; inside measurements.
Price, per set of four, \$8.00.



CADET LAWN MOWER.

A good mower at a low price. Suitable for small lawns. Not the lowest priced, but the best cheap mower made. Adjustable brass bushings, flexible bed knife, noiseless roller and easy adjustment.

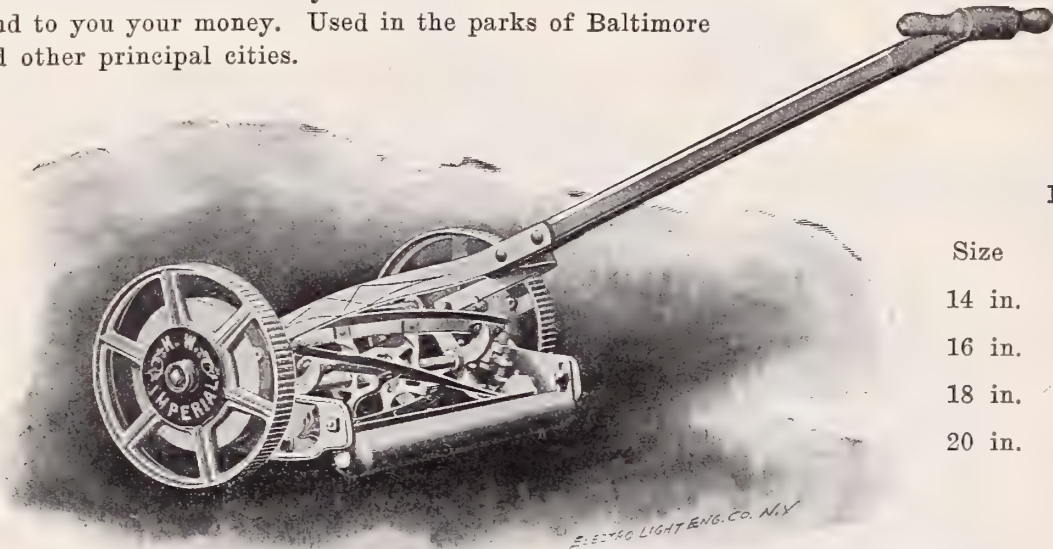
Price List.

12 in.....	\$2.75
14 in.....	3.00
16 in.....	3.50

All Kinds of Grass Catchers Furnished at Popular Prices.

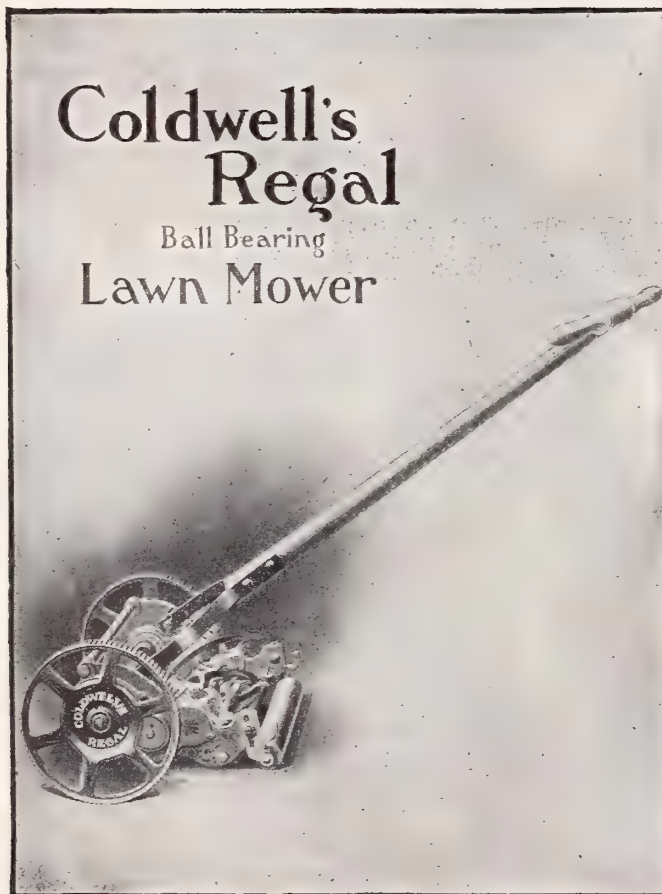
Coldwell's Imperial High Wheel Lawn Mower.

We have adopted the Coldwell Mowers as being absolutely the best on the market. The Imperial High-Wheel Mower surpasses all others in excellence of material and workmanship, ease of running and durability. Its drive wheels are ten inches in diameter. It has a rigid frame, the best of steel blades and is the only mower on the market that is especially adapted to terrace cutting. We thoroughly recommend this machine to our trade, with the guarantee that if it is not all we claim for it the lawn mower may be returned and we will refund to you your money. Used in the parks of Baltimore and other principal cities.



PRICES.

Size	List	Retail
14 in.	\$20.00	\$ 9.00
16 in.	22.00	10.00
18 in.	24.00	11.00
20 in.	26.00	12.00



Coldwell's Regal Ball Bearing Lawn Mower

Regal Ball-Bearing Mower.

Regal Ball-Bearing Mower. The best ball-bearing machine on the market. All bearings on this machine are adjustable, taking up all wear, and keeping the gears always in proper alignment. Price—14 in., \$11.00; 16 in., \$12.00; 18 in., \$13.00; 20 in., \$14.00.

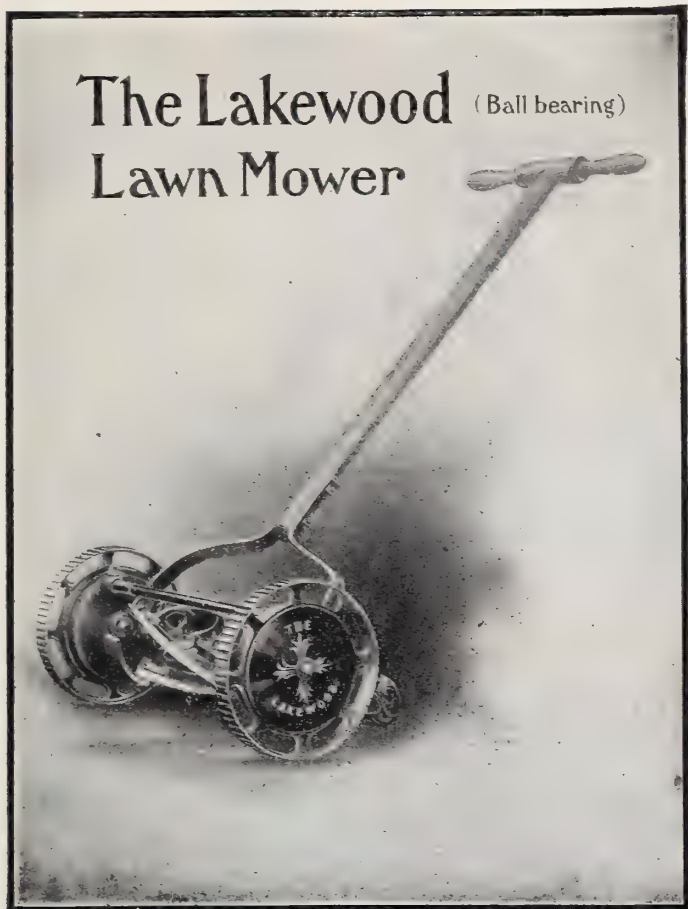
It Will Pay You to Come to Our Store and Examine This Mower.

The Colonial Ball-Bearing Mower. This mower is made to meet the demand for a first-class ball-bearing machine which can be purchased at prices within the reach of all. Eight-inch driving wheels, four blades revolving cutter, easy to adjust. 14 in., \$5.00; 16 in., \$6.00.

Special circulars on Lawn Mowers furnished on application.

Lawn Mowers Sharpened and Repaired in a Thorough and Satisfactory Manner.

The Lakewood (Ball bearing) Lawn Mower



The Lakewood Ball-Bearing Mower. A first-class ball-bearing machine of sterling merit. Where a light machine is wanted which is likely to be used by a lady or child, this is the machine to purchase. 14 in., \$6.00; 16 in., \$7.00; 18 in., \$8.00.

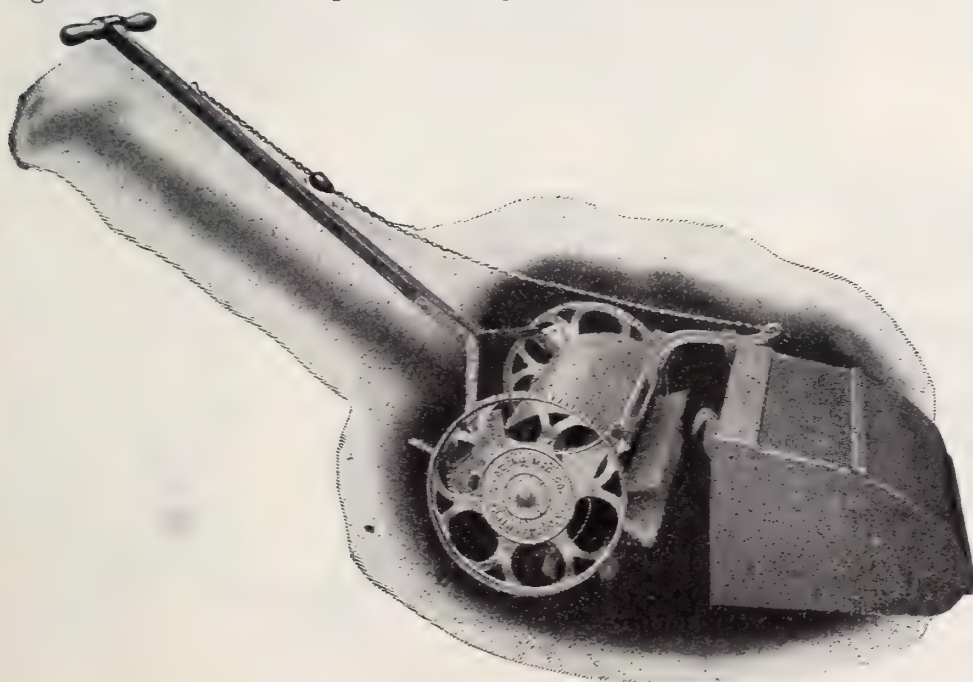
Coldwell Golf or Putting-Green Mower. The best mower of its kind sold; comes in five sizes. Prices furnished on application.

We can furnish all kinds of Grass Catchers, our principal one being the E. Z., which is satisfactory in every respect and can be easily attached and adjusted. Price, \$1.50.



Apollo Lawn Sweeper.

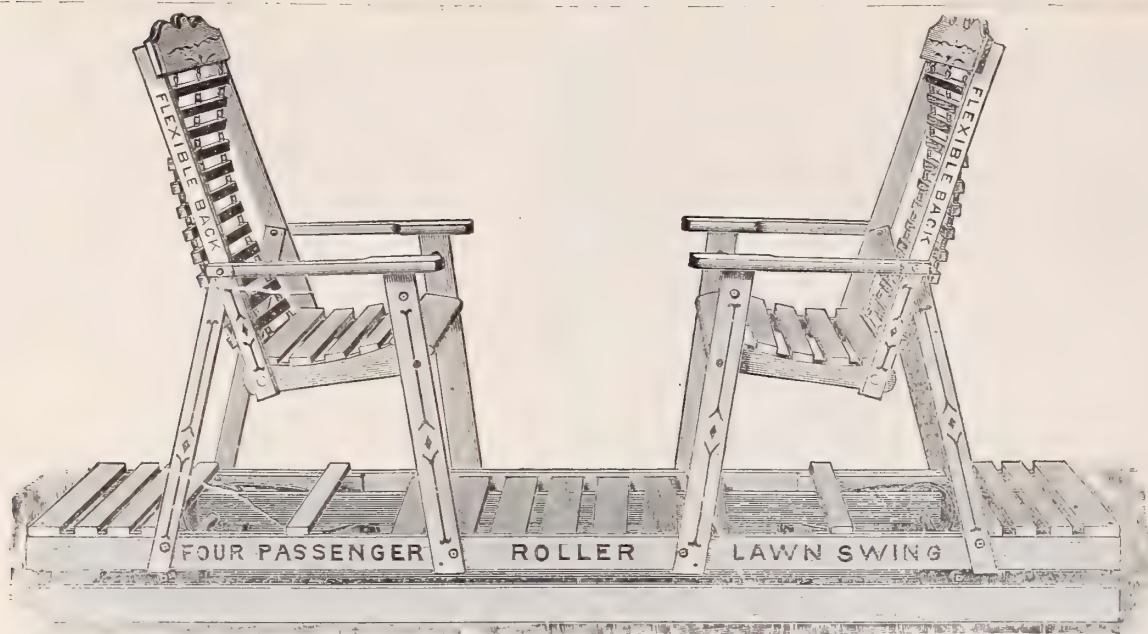
A thoroughly satisfactory machine for removing cut dead grass, leaves, sticks, all litter from lawns and walks. It works somewhat like a carpet sweeper. Revolving fibre brushes throw sweepings forward into a receptacle of large capacity, which hangs on the front of machine.



Empty receptacle by pulling chain, or it can be instantly detached by raising the handle and emptied into wheelbarrow or cart. Sweeper pushes easier than the average lawn mower. A boy will do the work of three men with rakes and in one-half the time.

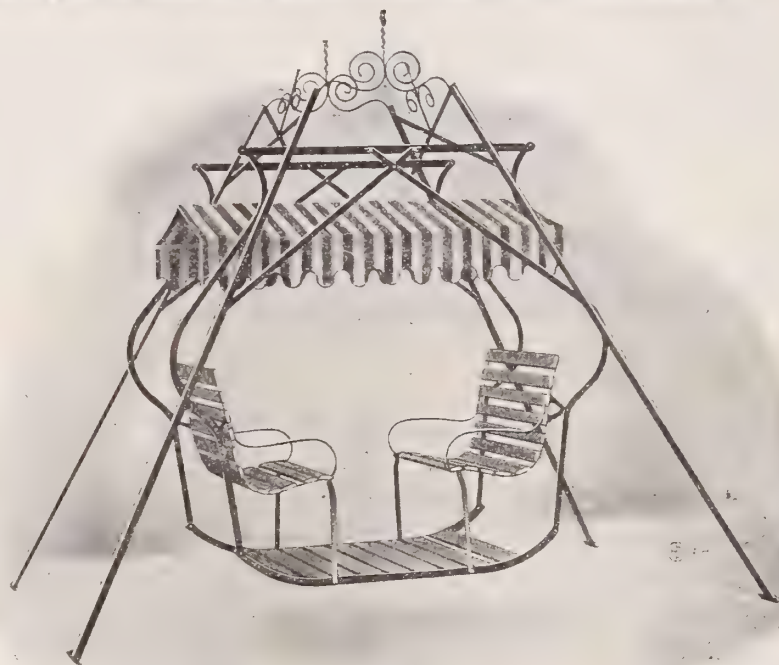
Price: 20-inch sweep, \$13.00; 24-inch sweep, \$14.00; 28-inch sweep, \$15.00. Rubber tires, \$2.00 extra.

There is Nothing Better Made than the Coldwell line of Lawn Mowers.



Ashland Lowdown Roller Lawn Swing. Flexible back; easy running, all hard wood. Just as comfortable as "Mother's Old Rocking Chair." Accommodates four passengers; has gliding motion, moving 44 in. horizontally. Can be used anywhere on lawn, porch or in the house. Entire height is 48 in., width 36 in., length 7 ft. Price, \$12.00.

Eagle Lawn Swing. This is an all steel high swing, very strong and at the same time very neat. It has two large roomy seats and will hold four passengers very comfortably. No jagged corners, no tilting motion; awning over seats. The best steel swing on the market. Price, \$15.00.



EAGLE LAWN SWING

LAWN BENCHES OR SETTEES.

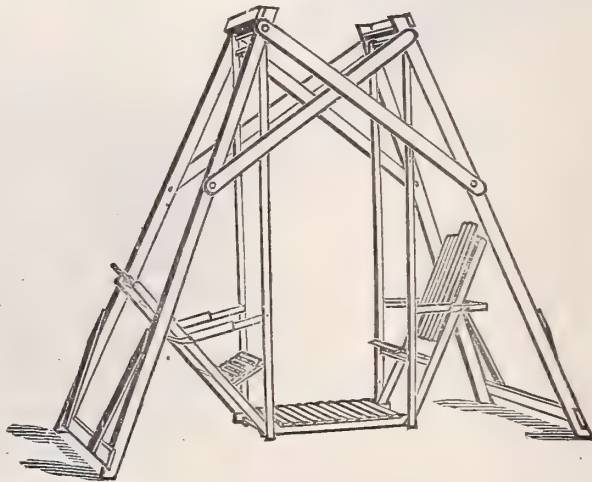


CENTRAL PARK SETTEE

Central Park Settee. Very strong and exceedingly comfortable. 4 ft., \$4.00; 5 ft., \$4.25.

Bent Wood Red Settee. A strong, light, very comfortable and very ornamental settee. 4 ft., \$3.25; 5 ft., \$3.50.

Lambers's Lawn Swing. Made for durability and wear. A far superior article to the ones bought in department stores. Price of 2-passenger swing, \$6.00; 4-passenger, \$7.50.



LAMBERD LAWN SWING

Rossman's Ornamental Lawn Fence.

The handsomest, the strongest and absolutely the most durable fencing on the market. Pickets are made of one continuous strand of thoroughly galvanized Bessemer steel wire. At the top the pickets interlap and the tops will not bend over like in other makes of fencing. This is an important feature; another is that there are no rough or ragged edges either at top or bottom. Cables have a peculiar right and left twist between each picket, which allows for expansion and contraction. Rossman Fencing never sags. Each cable is composed of two No. 12 wires; pickets of light fence are No. 10 wire, of heavy fence No. 6 wire, of extra heavy fence No. 4 wire.

Prices of Rossman Lawn Fence.

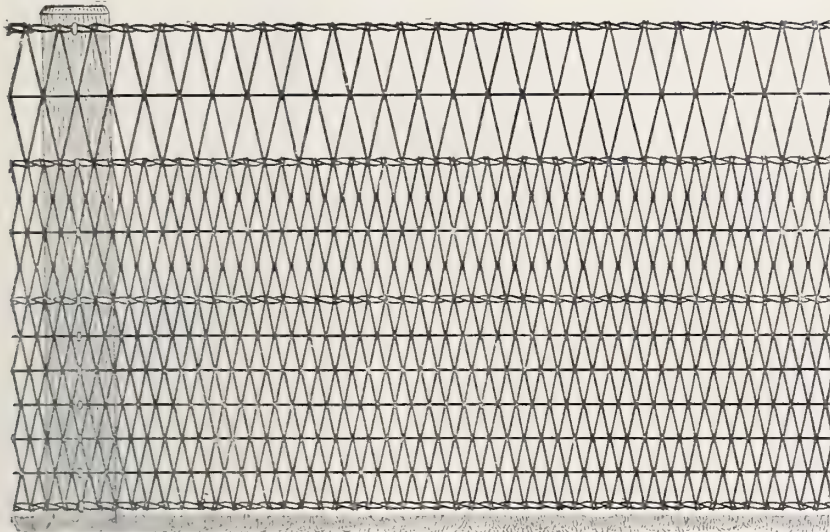
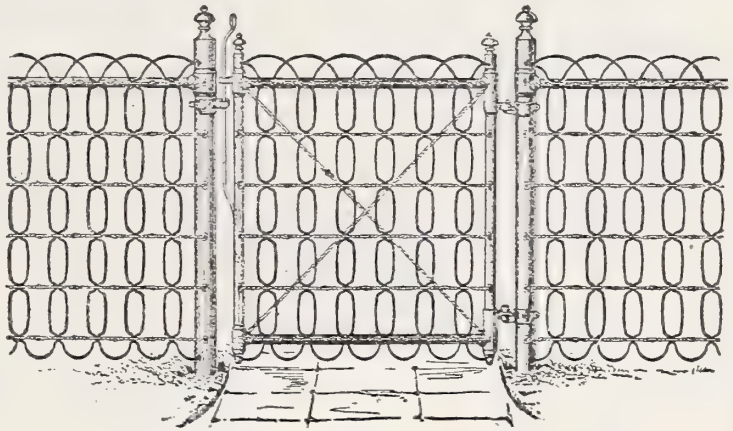
Height	Light	Heavy	Ex. Heavy
32 in., per ft.	15c.	27c.	35c.
38 in., "	18c.	30c.	41c.
44 in., "	21c.	35c.	45c.
51 in., "	27c.	41c.	51c.
58 in., "	29c.	48c.	59c.

Corner or Gate Posts. \$1.00 to \$9.00 each.

Line Posts. 50c. to \$1.75.

Top Rail. (1¼ in. steel), per foot, 15c.

Prices of gates quoted on application.



Ellwood Poultry, Rabbit and Dog Fence. This is a fence, not a netting. Height, 50 in. Comes in coils of 10 and 20 rods. Twisted coiled cables and strong lateral wires, No. 14 cross wires, No. 16 twisted cable at top. While this fence is especially designed as a poultry and rabbit fence, it is sufficiently strong to stop all larger animals. Costs practically the same as the flimsy nettings, while in the matter of service and durability it is worth ten times as much. Price, per rod, 50c.

FROST STEEL GATES.

With Scroll Tops.

4 x 6 feet.....	\$4.75
4 x 8 feet.....	5.00
4 x 10 feet.....	5.75
4 x 12 feet.....	6.50

Plain Farm Gates.

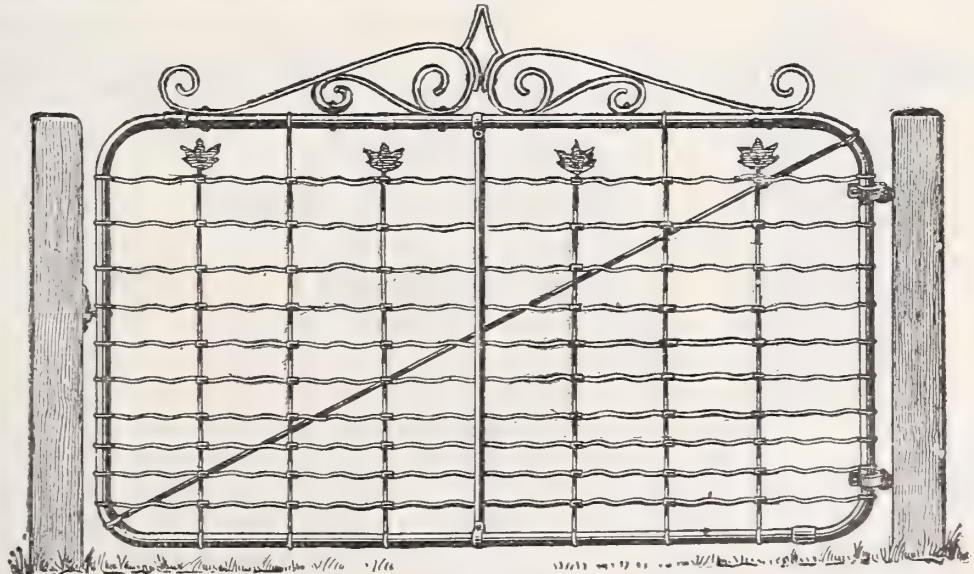
4 x 10 feet.....	\$4.75
4 x 12 feet.....	5.25

Special sizes to order.

Width means exact distance between posts; we make allowance for hinges and latches.

Rossman Lawn Gates.

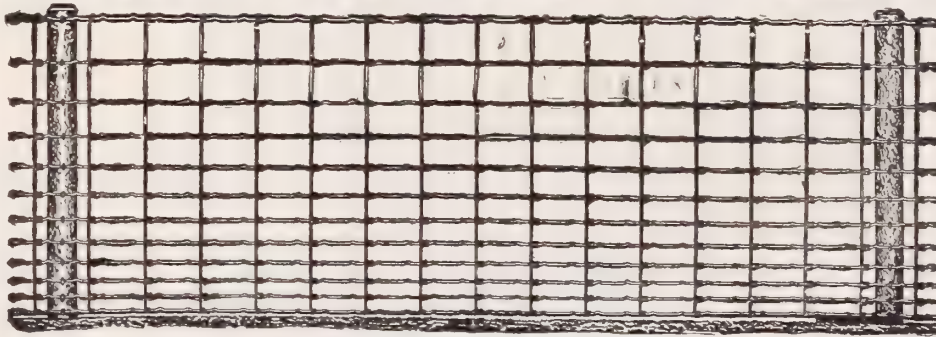
See cut above. Write for prices.



FROST SCROLL TOP GATE.

Special Estimates of Fencing Cheerfully Furnished.

Headquarters for Farm Fences. **AMERICAN FENCE**



MADE IN ALL HEIGHTS

Made of large, strong, high-grade steel wires, heavily galvanized. Ample provides for expansion and contraction. Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate nor injure stock.

Turns Cattle, Horses, Hogs and Pigs

EVERY ROD GUARANTEED by us and guaranteed by the manufacturers. Call and see it. We can show you how it will save you money and fence your fields so they will **stay fenced**.

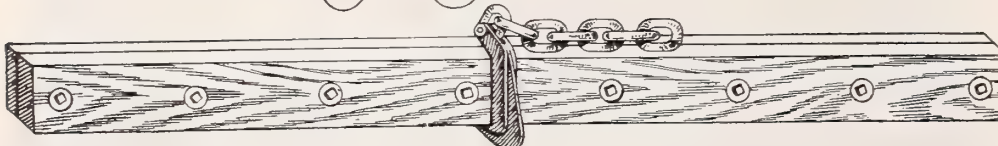
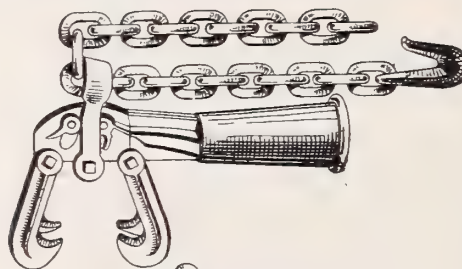
is simply par excellence. By the use of this special steel the value of American Fence to the user is increased many fold, and we firmly believe it to be as near absolute perfection as can be attained or the necessities of the case demand. Wire drawn from this steel, while hard, is not brittle. It is stiff and springy but pliable enough to be nicely spliced. There is such a distinction as live steel and dead steel. Every wire in American Fence as now made is a live wire, doing business all the time, always ready for emergencies and absolutely reliable.

Design	Bars	Height	Stays	Price per Rod
726	7 Bars	26 inch	12 inch.....	25c.
726	7 "	26 "	6 "	31c.
949	9 "	49 "	12 "	34c.
1149	11 "	49 "	12 "	38c.
1258	12 "	58 "	12 "	42c.
1452	14 "	52 "	6 "	47c.
1558	15 "	58 "	6 "	52c.



THE LOTT

STRETCHER.



The simplest, cheapest and most efficient tool ever gotten out for stretching fence. Is strong enough to stretch from 10 rods to a mile of fence at a time. Anybody can operate it. Price, \$4.00.

Post Hole Diggers. (See page 50.)
Townsend Wire Stretcher. 75c.

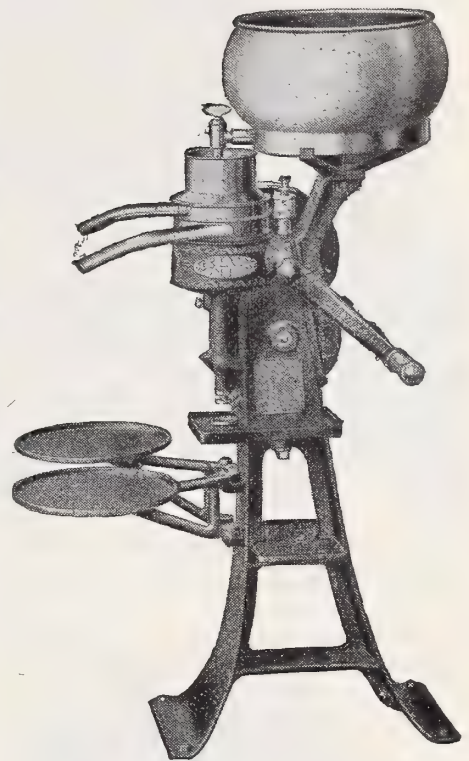
Wire Staples. Broad or narrow, per lb., 4c.
Barb and Ribbon Wire. Prices on application.

Prices Subject to Change Without Notice.

Improved De Laval Cream Separators

There is no question that centrifugal force Cream Separators are a most profitable investment for anyone who makes butter or sells cream. The use of one of these machines means a saving of from 10 to 30% in quantity and from 2 to 5% in quality; these are facts proven by actual tests. Besides this, the following items should be considered: the value of warm skim milk for feeding purposes, the doing away with the drudgery of handling numerous pots and pans and the saving in storage, ice, pumping of water, etc. Thousands of tests prove that the use of a De Laval Cream Separator means an average additional income of at least \$10.00 per year for every cow you keep. It is easy to figure out what this means for you. The De Laval is by far the most perfect Cream Separator. It is in a class by itself. It has many imitators, but it easily outclasses all. Write for catalogue giving full particulars.

Style.	Capacity Per Hour.
Improved No. 4—Actual Capacity.....	135 lbs. per hour
Improved No. 6—Actual Capacity.....	225 lbs. per hour
Improved No. 10—Actual Capacity.....	335 lbs. per hour
Improved No. 12—Actual Capacity.....	450 lbs. per hour
Improved No. 15—Actual Capacity.....	675 lbs. per hour
Improved No. 17—Actual Capacity.....	900 lbs. per hour
Improved No. 22—Actual Capacity.....	1350 lbs. per hour
Improved No. 19—Steam Turbine. Actual Capacity.....	675 lbs. per hour
Improved No. 20—Steam Turbine. Actual Capacity.....	900 lbs. per hour
Improved No. 25—Steam Turbine. Actual Capacity.....	1350 lbs. per hour

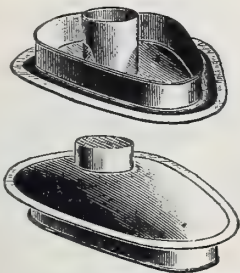


IMPROVED No. 10

STAR COOLER CREAM SEPARATOR.

Made in the very best manner. The inner can is for milk and the outer can for water. The single separator has one milk can and the double separator has two milk cans. Inner cans can be readily taken out for cleaning. There is nothing better on the market.

Painted and decorated.



Single Can.

No. 000	—Capacity, 1 cow, 14 quarts milk.....	\$3.50
No. 00	—Capacity, 1 to 2 cows, 20 quarts milk.....	4.00
No. 01	—Capacity, 2 to 3 cows, 25 quarts milk.....	4.50
No. 01½	—Capacity, 3 to 4 cows, 35 quarts milk.....	5.00
No. 02	—Capacity, 4 to 5 cows, 45 quarts milk.....	6.25
No. 03	—Capacity, 6 to 8 cows, 65 quarts milk.....	7.50

Double Can.

No. 001	—Capacity, 50 qts. milk..	\$ 7.00
No. 001½	—Capacity, 70 qts. milk..	8.00
No. 002	—Capacity, 90 qts. milk..	9.00
No. 003	—Capacity, 130 qts. milk..	10.50

WATER CAPACITY DOUBLE THAT
OF THE MILK.

STAR GRAVITY CREAM SEPARATOR.

Made of the very best XXXX tin—the best that money can buy. The milk is mixed with equal quantity of water. Get cream in 2 to 3 hours. Has aerating cover and legs. Not painted.

No. 0	—Capacity, 24 quarts.....	\$3.00
No. 1	—Capacity, 48 quarts.....	3.75
No. 2	—Capacity, 88 quarts.....	4.50
No. 3	—Capacity, 118 quarts.....	5.50



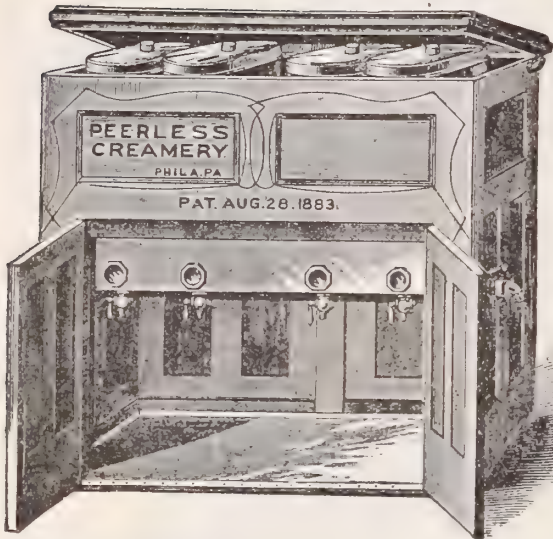
COOLER SEPARATOR—WITH
AERATING COVER



GRAVITY
SEPARATOR

Special Catalogues and Circulars Free on Application.

Reid's Peerless Creamery



The oblong cans of the Peerless Creamery give greater cooling surface than any other style we know. The excellence of Reid's Creameries is well known. The Peerless is intended more especially for water cooling, although it is provided with a large ice space. Cans each hold 18 qts.

No. 2—2 cans, 4 to 6 cows,	Price.....	\$24.00
No. 3—3 cans, 7 to 9 cows,	"	28.00
No. 4—4 cans, 10 to 12 cows,	"	34.00
No. 5—6 cans, 13 to 18 cows,	"	45.00
No. 6—8 cans, 19 to 24 cows,	"	55.00

STAR MILK COOLER AND AERATOR..

The best known, best made and most correct in principle. Milk flows downward over outside of cooling surface and water upwards on the inside; by this process the temperature of the milk is reduced to within two degrees of that of the water. The results obtained by using a Star Cooler cannot be obtained by chilling the milk on an ice-cold surface; for thorough aeration a gradual, continuous cooling is necessary. Very easily cleaned, very practical.

No. 0—40 gal. per hour, plain, \$15; elevated water, \$20.

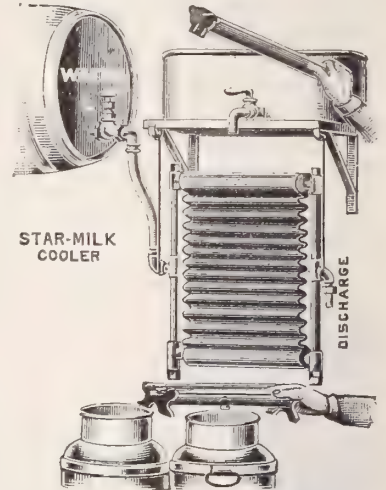
No. 1—60 gal. per hour, plain, \$25; elevated water, \$30.

No. 2—90 gal. per hour, plain, \$27; elevated water, \$33.

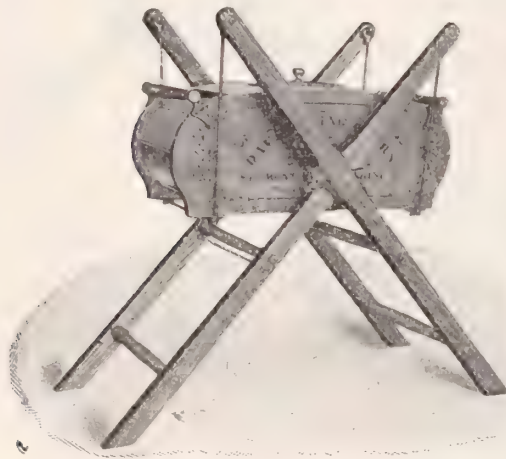
No. 3—125 gal. per hour, plain, \$35; elevated water, \$42.

Siphon attachment on any size costs \$7.00 more than "Elevated Water."

Write for more detailed information.



STAR MILK COOLER



DAVIS SWING CHURN

DAVIS SWING CHURN.

The finest churn on the market. Has no floats or dashers, easy to clean, very easy to operate. Makes fine butter. No. 1—Churns 4 gal., \$7.00; No. 2—Churns 5 gal., \$8.00; No. 3—Churns 8 gal., \$10.00; No. 4—Churns 10 gal., \$12.00; No. 5—Churns 13 gal., \$15.00.

THE HERO BARREL CHURN.

Made from selected quartered white oak, with an improved device for fastening the top. This is a very popular churn. The churning capacities are stated below and are one-half the actual capacity.

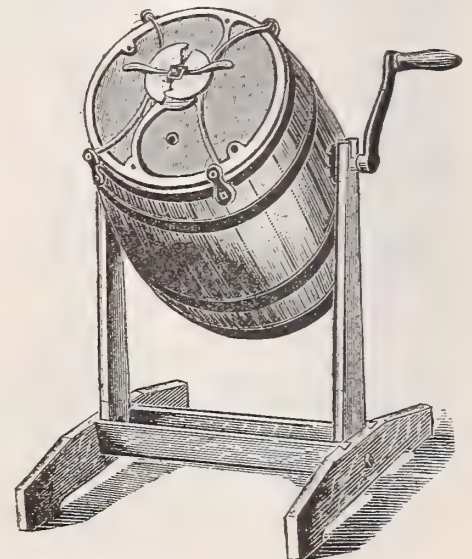


IMP. CEDAR CYL. CHURN

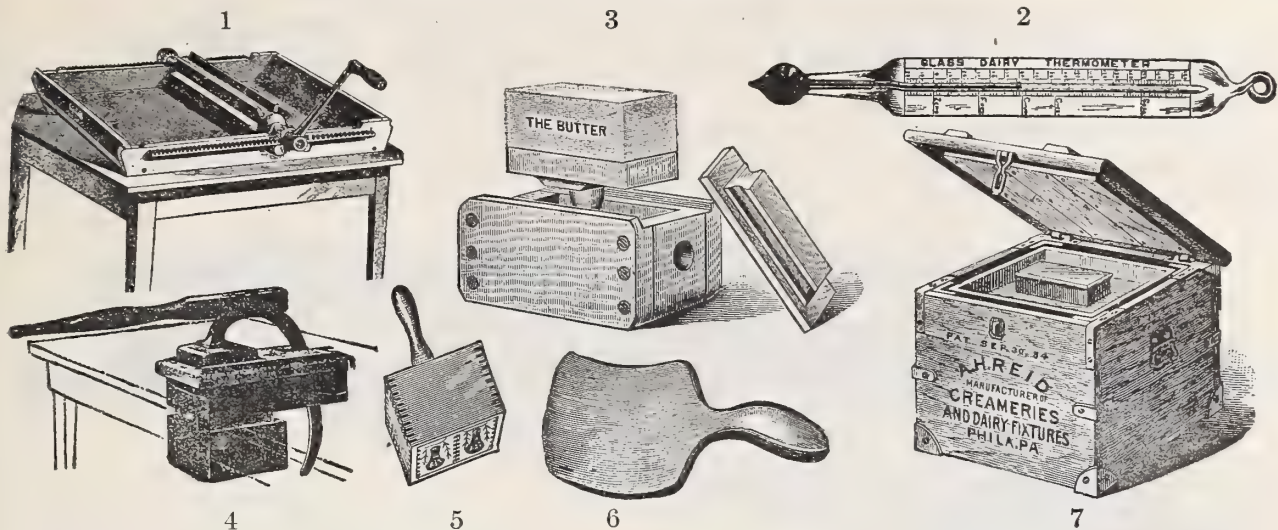
No. 0—Churns	3	gal.,	\$ 5.00
No. 1—Churns	4½	"	5.50
No. 2—Churns	7	"	6.00
No. 3—Churns	9	"	6.75
No. 4—Churns	12	"	8.50
No. 5—Churns	16	"	10.00

IMPROVED CEDAR CYLINDER CHURN.

No. 1—2½ gal.,	\$2.00;	No. 2—4 gal.,	\$2.50;
No. 3—7 gal.,	\$3.00;	No. 4—10½ gal.,	\$3.50.



HERO BARREL CHURN



REID'S BUTTER WORKER. (Fig. 1.)

This machine acts on the butter on precisely the same principle as a ladle in the hands of a person, but with perfect uniformity and without injuring the grain. Made of the best material; iron parts galvanized, preventing rust.

- No. 1. Capacity 50 pounds or less.....\$8.00
 No. 2. Capacity 30 pounds or less..... 6.40
 No. 3. Capacity 20 pounds or less..... 5.60
 No. 4. Capacity 10 pounds or less..... 4.80

WELLS, RICHARDSON & CO.'S BUTTER COLOR.

The best butter color on the market. Small bottle, colors 500 lbs., 25c.; large bottle, 50c.

MILK CANS.



IOWA PATTERN

Baltimore Pattern, Railroad Milk Cans. Our regular stock can. Made of strong, very best material; straight neck, drop handle. 12 qt., \$2.25; 20 qt., \$2.45; 30 qt., \$2.90; 40 qt., \$3.25. Name plates on can, 40c. each.

Iowa Pattern. Five gal., \$2.40; eight gal., \$2.80; ten gal., \$3.00.

MILK PAILS.

Made of best bright charcoal tin; strong and durable. 2½ gal., 45c.; 3 gal., 50c.; 4 gal., 60c.; with special bottom, which is a good feature, 75c.

MISCELLANEOUS DAIRY SUPPLIES.

Parchment Butter Paper. In sheets 24x36 in., or cut for pound and half-pound prints. Price, 20c. per pound.

Lafayette Butter Printer. (Fig. 4.) Either pound or half-pound size, with table, \$15.00; without table, \$10.00.

Philadelphia Print. (Fig. 3.) 1 lb., \$1.50; ½ lb., \$1.00.

Floating Dairy Thermometer. (Fig. 2.) 25c. and 50c.

Maple Print. Seeley. (Fig. 5.) ½ lb. size, 60c.; 1 lb., 75c.

Butter Paddles. (Fig. 6.) 10c. to 40c.

Polished Maple Bowls. 15 in., 25c.; 17 in., 40c.

Freeman's Brick Butter Mold. Made with lock corners, from thoroughly seasoned timber. Perfect fitting. Hand carved, assorted designs. 35c. each.

Round Butter Mould. Made of perfect seasoned maple wood, designed Sheaf of Wheat. ½ lb. size, 25c.

BUTTER SHIPPING BOXES. (Fig. 7.)

Made of well seasoned lumber, iron bound edges and capped corners. The strongest package ever offered to shippers and very convenient.

Capacity.	Price.
24 ½-lb. prints.....	\$4.00
36 ½-lb. prints.....	4.50
64 ½-lb. prints.....	5.25
80 ½-lb. prints.....	5.50
100 ½-lb. prints.....	6.00
120 ½-lb. prints.....	6.50
140 ½-lb. prints.....	7.00
12 1-lb. prints.....	3.50
20 1-lb. prints.....	3.75
30 1-lb. prints.....	4.25
40 1-lb. prints.....	4.75
56 1-lb. prints.....	5.00
80 1-lb. prints.....	5.50
96 1-lb. prints.....	5.75



RICE'S CALF WEANER.

Very effective for weaning calves and preventing cows sucking themselves.

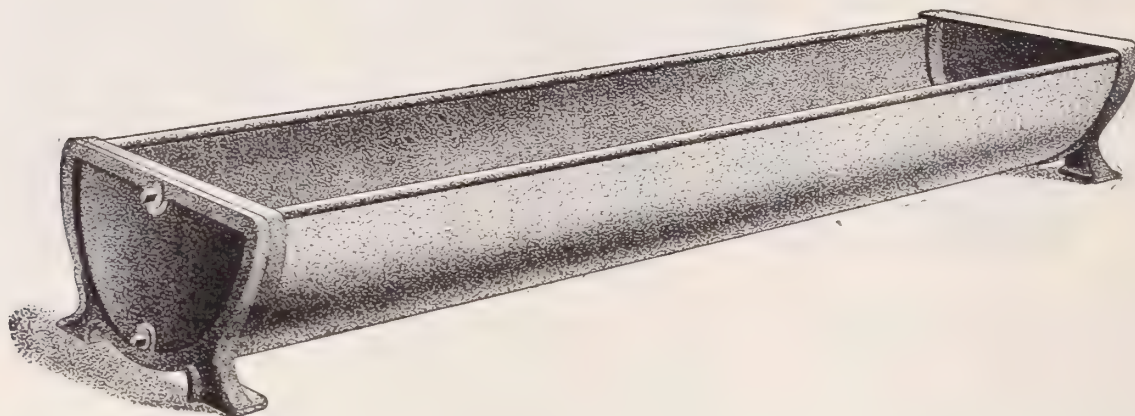
No. 1, for calves, 30c.; by mail, 35c. No. 2, for heifers, 50c.; by mail, 56c. No. 3, for cows 75c.; by mail, 85c.

Cooley Colt, Calf and Cow Weaner and Dog Muzzle. The

only successful weaner in the world. Over 100,000 now in use. The animal this weaner is put on can positively not suck, but at the same time it is no inconvenience to it to feed. Stop at our store and see it demonstrated. Prices, No. 1, 35c.; No. 2, 50c.; No. 3, 75c.

"Perfection" Rivetless Steel Troughs.

It is the only steel trough constructed without the use of rivets or solder joints. It is positively guaranteed not to crack or burst on account of freezing. Instead of sharp edges of steel which are found on other troughs, this trough is finished on the edges with steel tubing to protect stock from injury by coming into contact with the edges; this feature is found on no other trough. Note the illustration and we think you will agree that you know of no other trough equal to it.



They are 18 inches wide at top, 10 inches deep and have a capacity of 8 gallons per foot.

No. 78—3 feet long.....\$5.50	No. 80—5 feet long.....\$6.75	No. 82— 8 feet long...\$ 9.50
No. 79—4 " " 5.75	No. 81—6 " " 7.75	No. 83—10 " " ... 12.00

The sizes we list are most popular. Can furnish any size trough from 14 inches to 42 inches wide at top and from 3 ft. to 20 ft. long. Can also furnish cast iron water troughs in a large variety of sizes.

CAST IRON HOG TROUGHS.

No seams for food to lodge in and being easy to clean there is no likelihood of foul, unhealthy odors. There is no danger of bursting from freezing and the price is within the reach of all. These troughs are very popular with all who use them. The width of these hog troughs at the top is 12 in. and at the bottom 2 in.; the depth is 6 in. and the capacity per ft. is 2 gal. They are made in lengths as follows: 2 ft., 2½ ft., 3 ft., 3½ ft., and so on, every half foot, up to 8 feet. Price per foot, 50c.

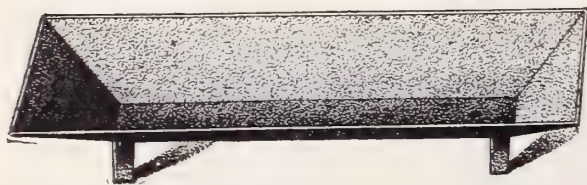


CAST IRON POULTRY TROUGHS.



NO. 0 POULTRY TROUGHS

No. 0—A special design, as shown by cut; 8 in. long, 3½ in. wide, 1¼ deep, 25c.
No. 1—20 in. long, 4 in. wide, 1½ in. deep..... 40c.
No. 2—24 in. long, 7 in. wide, 3 in. deep..... 75c.
No. 3—29 in. long, 7 in. wide, 3 in. deep..... 90c.

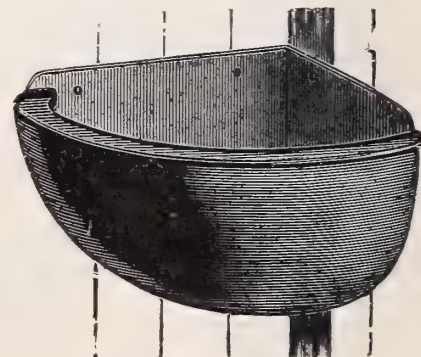


STYLE OF NOS. 1, 2, 3 POULTRY TROUGHS

CAST IRON CORNER MANGERS.

Popular and widely used. Made with inside flange.

No. 187—15x15 in.; 8 in. deep.....	\$1.15
No. 188—16x16 in.; 10 in. deep.....	1.30
No. 188½—17x17 in.; 10 in. deep.	\$1.40



IRON CORNER MANGER



WROUGHT HAY RACK

WROUGHT IRON HAY RACKS.

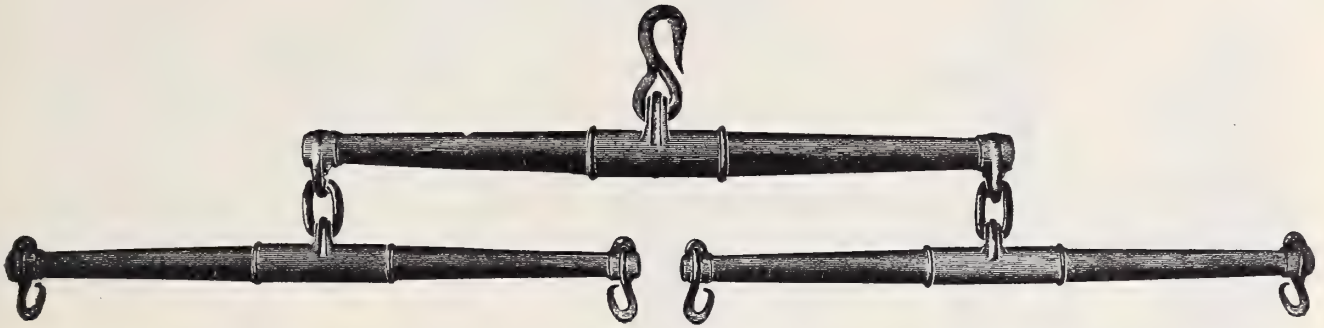
Well made and very serviceable.
Price, \$1.75

CAST IRON STALL GUARDS.

Length, 6 feet; height, 25 inches.
Price, \$4.75

Special Prices to Buyers of Large Quantities.

Tubular Steel Plow Double Trees.



Can furnish these in sets complete, as shown in cut, or can furnish single trees separate. They are extensively used, both for farm plowing and by contractors for heavy work. They last a lifetime.

No. 0—Light, 33 in. double tree, 28 in. single trees, weight 18 lbs.....Per set, \$3.00

No. 1—Regular, 36 in. double tree, 30 in. single trees, " 20 " " 3.25

No. 2—Heavy, 36 in. double tree, 32 in. single trees, " 25 " " 4.25

Tubular Single Trees. 26 in., 70c.; 28 in., 75c.; 30 in., 80c.; 32 in., \$1.20.

WOOD PLOW DOUBLE AND SINGLE TREES.

These trees are made of selected stock, very strong and durable, and are heavily ironed. The cut shows style of double tree; the single trees have clips in the center and hooks at the ends.



Per set, 36 in. double tree and 30 in. single trees....\$2.10

Per set, 40 in. double tree and 32 in. single trees.... 2.40

Double tree only.....36 in., \$1.00; 40 in., 1.10

Single tree only, 28 in., 40c.; 30 in., 50c.; 32 in., 60c.

Heavy Lap Links for connecting double and single trees, 10c. each.

Heavy Single tree Clips. Per set, 25c.

Heavy Double tree Clips. Per set, 35c.



Wood Neck Yokes. Ironed complete, price each, 75c. **Extra Heavy Plow Triple Trees.** Each, \$2.00.

NORTH'S IMPROVED ADJUSTABLE WAGON SPRING.

No fruit grower or trucker can afford to be without a set. They are worth many times their cost. In ordering, state width of bolster between standards.

Capacity.	Set.
1000 lbs.....	\$5.00
1500 lbs.....	6.00
2000 lbs.....	7.00
2500 lbs.....	7.50
3000 lbs.....	8.00
4000 lbs.....	10.00

Cross Spring is shown in position for heavy loads, can be turned off bolster for light loads.

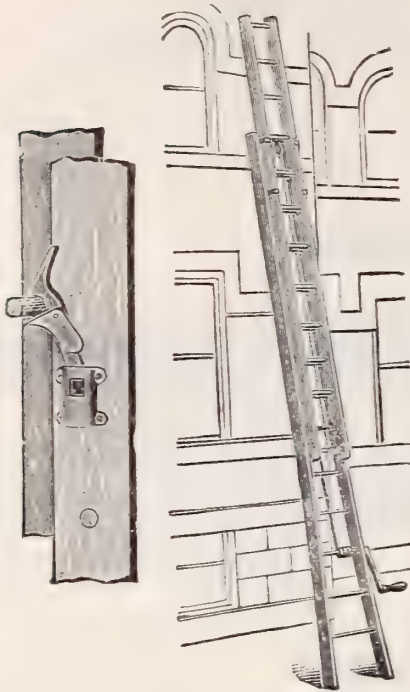


CRYSTAL METAL FARM BELLS.

These bells are covered with a rich gold bronze, black varnished hangings. No. 1, 40 lbs., \$2.00; No. 2, 50 lbs., \$2.50; No. 3, 75 lbs., \$3.75; No. 4, 100 lbs., \$4.75.



The Lovell Improved Extension Ladder.



This ladder is a model of simplicity, lightness and strength, and is designed to meet a want long felt by painters and others requiring a long, light ladder of various lengths. There should be one at every country residence, in case of fire. It can be varied to any length by its automatic fastenings. They are attached to the lower end of the sliding section, and fasten or unfasten themselves at the will of the operator, when the crank is turned, not requiring anything of the rope except to raise and lower the sliding section.

10 ft., extends 17 ft.....	\$ 4.50
12 ft., " 21 ft.....	5.50
14 ft., " 25 ft.....	6.50
16 ft., " 29 ft.....	8.00
18 ft., " 33 ft.....	9.00
20 ft., " 37 ft.....	11.00

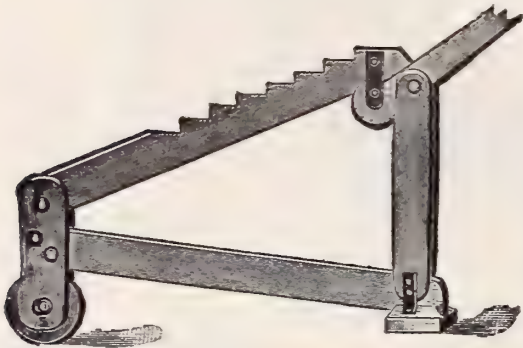
Sectional Ladders. 6 ft. long.
Samson, \$1.25; Earl, \$1.00, each.
Step Ladders. 15c. per ft.

NEW SAMSON JACK.

Made of malleable iron and constructed with a view to great strength and powerful leverage. Very simple, and low in price.

Price List.

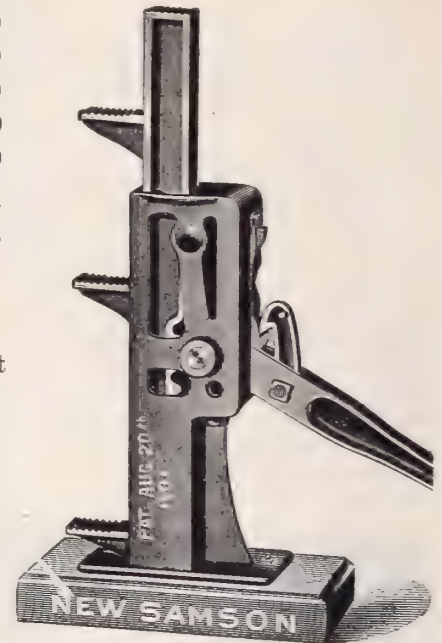
No. 4, for 2 tons..	\$3.00
No. 5, for 6 tons..	4.00



OLIVER PRACTICAL JACK.

Made of hard maple
Very convenient and durable.

No. 1, one ton....	\$1.00
No. 2, two tons....	1.25
No. 3, three tons..	1.75



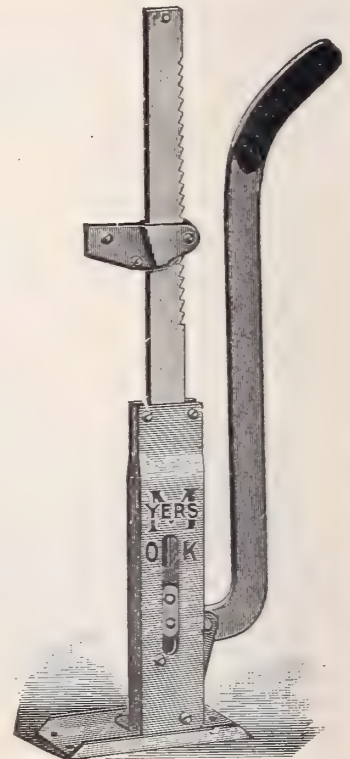
O. K. All Steel Lifting Jack. Capacity, 900 pounds. Suitable for raising any ordinary carriage or wagon; practically unbreakable. Price, \$1.00

U. T. K. MOUNTED GRINDSTONE.

The nicest stone of its kind on the market. Wrought iron legs, malleable iron hangers, wood parts attractively finished in vermilion. The stone is finished in the best quality Berea or Grafton Grit.

No. 1.....	\$3.50
No. 2.....	3.25
No. 3.....	3.00

Cycle Steel Frame Grindstone. Frame made entirely of steel. Last a lifetime. The stone is of good grit. One man does the work of two. Price, \$4.00.



Champion Steel Field Rollers.

In offering our champion Steel Field Roller, we do so believing it to be the best roller of its kind on the market. We call particular attention to the patent pressed steel head which keeps the earth from clogging in the shells as in an open head roller, also to the removable chilled bushing, which is bolted fast to the head and which is a valuable feature, as they can be readily replaced by anyone at a trifling expense and saves the trouble and cost of sending the roller to the machine-shop when the bearings are worn out. Diameter is 26 inches.

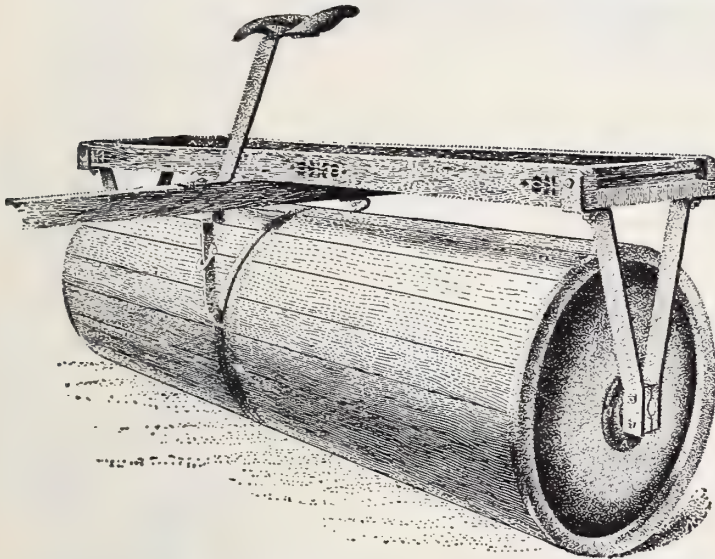
Size	Sections	Weight	Price
8 Ft.	Two	600 lbs.	\$25.00
8 Ft.	Three	630 lbs.	28.00
6 Ft.	Two	450 lbs.	23.00

Prices include double trees and neck-yoke.



CHAMPION WOOD STAVE ROLLER.

Only thoroughly seasoned hard lumber is used in this roller. The staves are securely bolted to a pressed steel head, insuring the greatest degree of rigidity. All staves are tonged and grooved and everything that superior workmanship can devise has been put into these rollers. The pole is thoroughly braced. While the demand among farmers is principally for a steel face roller, still there are a number who still prefer a wood stave roller and to these we recommend our Champion Roller as the best on the market. Price, complete, with double trees and neck-yoke, \$20.00.



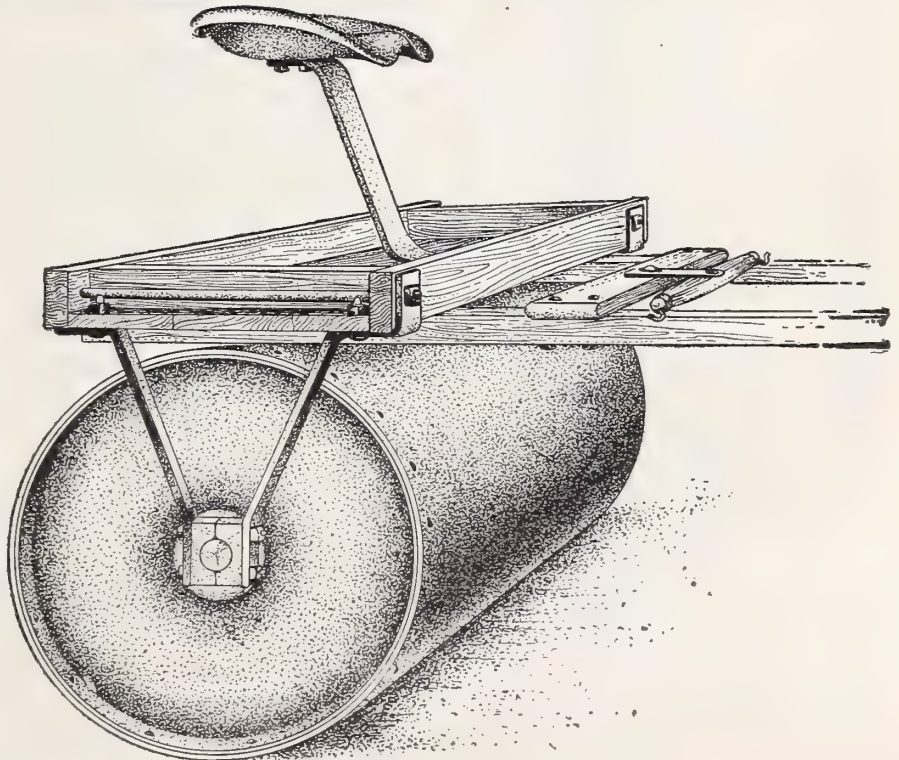
CHAMPION ONE-HORSE FIELD ROLLER.

This roller is designed especially for use on small farms and lawns. Made on same principle as the two-horse steel roller, and is the most durable roller of its class ever offered. The Nos. 16 and 17 are both 24 in. in diameter, and are alike in every particular, except that No. 16 is a one-section roller and No. 17 a two-section roller. The total width of each of these rollers is four feet, and, as shown in the cut, they are equipped with shafts and single tree.

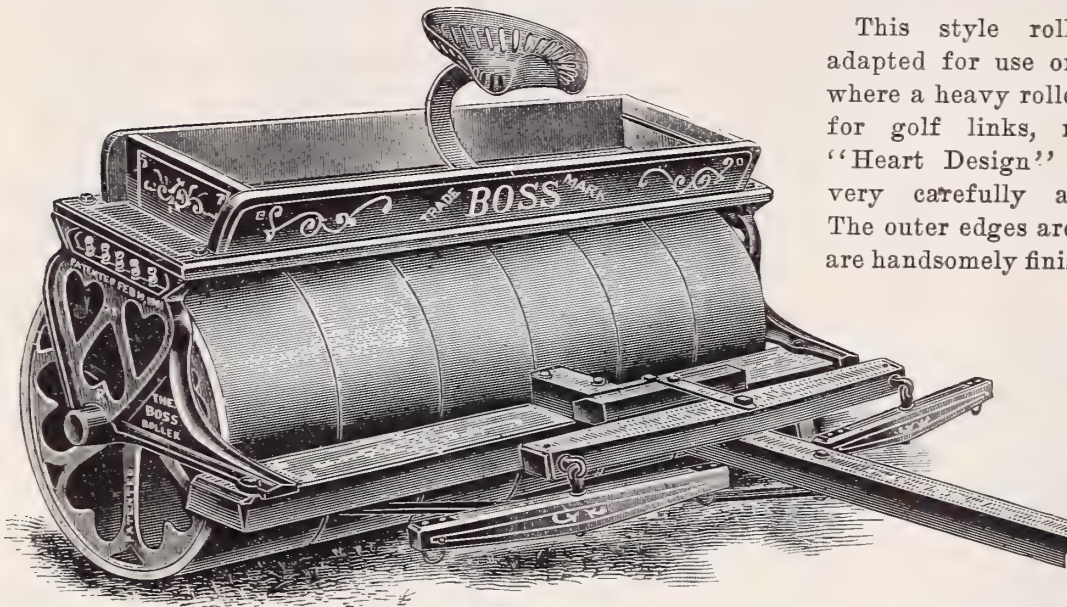
No. 16, weight 300 lbs., \$18.00

No. 17, weight 325 lbs., 20.00

Special Rollers. Prices on special rollers on application.



The Boss "Heart Design" One and Two Horse Rollers for Lawns and Golf Links.



This style roller is especially adapted for use on extensive lawns where a heavy roller is needed. Also for golf links, roads, etc. The "Heart Design" Rollers are built very carefully and substantially. The outer edges are beveled, the rolls are handsomely finished and the wood-work is very attractively painted and striped. It is the lightest draft roller on the market and pulls direct from the axle.

It is perfectly

balanced, there is no weight on the team. List prices given below are subject to a discount of 10%.

										Price
No. 60—	One horse,	20 in. diameter,	4 ft. long,	in four sections,	12 in. face,	weight	950 lbs.,	\$	61.00	
No. 61—	" "	20 in. "	5 ft. "	in five "	12 in. "	" "	1150 "		71.00	
No. 63—	" "	24 in. "	5 ft. "	in five "	12 in. "	" "	1450 "		89.00	
No. 64—	" "	24 in. "	6 ft. "	in six "	12 in. "	" "	1700 "		102.00	
No. 66—	" "	28 in. "	5 ft. "	in five "	12 in. "	" "	1650 "		101.00	
No. 68—	" "	32 in. "	4 ft. "	in four "	12 in. "	" "	2200 "		136.00	
No. 70—	Two "	20 in. "	5 ft. "	in five "	12 in. "	" "	1150 "		71.00	
No. 73—	" "	24 in. "	6 ft. "	in six "	12 in. "	" "	1700 "		102.00	
No. 76—	" "	28 in. "	6 ft. "	in six "	12 in. "	" "	1950 "		117.00	
No. 79—	" "	32 in. "	6 ft. "	in six "	12 in. "	" "	3000 "		180.00	

Whiffletrees and neck-yoke, \$4.00 extra. Scraper, \$6.00 extra. Additional weights, 5c. per lb.

Prices of Extra Heavy Road and Golf Ground Rollers Quoted on Application.

"HEART DESIGN" HAND LAWN ROLLERS.

These Rollers, like the "Heart Design" Horse Rollers, are very well made and of neat appearance. The edges are rounded, the face very smooth and carefully trued. Dirt and grass will not cling to them, as there are no rivets or roughnesses to gather trash or tear the lawn. Provided with counter-balance, which holds up handle.

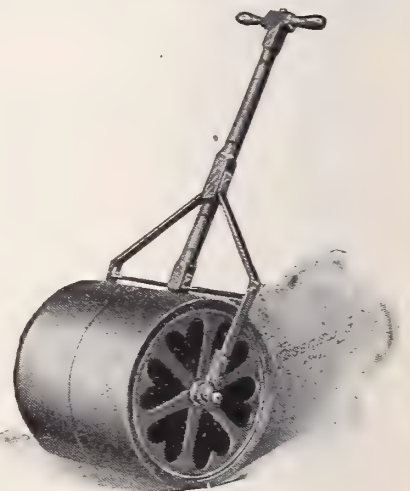
No. 2—	15 in. diam.,	22 in. long,	3 sect.,	7½ face,	200 lbs...	\$12.50
No. 3—	20 in. "	16 in. "	2 " 8 "	225 lbs...	14.00	
No. 6—	20 in. "	24 in. "	3 " 8 "	300 lbs...	18.50	
No. 8—	20 in. "	30 in. "	3 " 10 "	350 lbs...	21.50	
No. 9—	24 in. "	20 in. "	2 " 10 "	400 lbs...	24.50	
No. 11—	24 in. "	24 in. "	3 " 8 "	450 lbs...	27.50	
No. 12—	24 in. "	30 in. "	3 " 10 "	500 lbs...	30.50	

Additional Weights, 5c. per lb. Weight box, \$2.00 to \$3.00.

Above prices subject to a discount of 10%.

A WORD ABOUT ROLLING LAWNS.

The benefit derived from the use of a roller on the lawn, especially in the Spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and, if the sod is not firmly pressed back with a roller before the hot weather begins, the grass is apt to be killed or injured, leaving the lawn full of bare spots.



Our Rollers are used on the Lawns of the Leading Country Clubs.

Myers Brass Bucket Spray Pumps.

The best Spray Pumps on the market. Cylinder and air chamber side by side, and all the work is done on the down stroke; a valuable feature peculiar to Myers Pumps. The Myers patent agitator is very effective and simple. It is simply a small jet of water discharged at the bottom of the pump. Constructed entirely of brass.

PIPE EXTENSION. (Fig. 480.)

It can be readily understood that a fine mist cannot be thrown a great distance by any pump, no matter how much force it has. For this reason a pipe extension is a very important part of spray pump equipment, and it enables you to put the spray just where you want it. Price, 50c.; if sold with pump, 25c.

WHITEWASHING.

The Myers Spray Pumps have proven themselves a decided success for whitewashing factories, cellars, fences, chicken-houses, etc., and can be utilized to great advantage for places which could not be reached by a brush. The high pressure causes the fluid to penetrate all the unevenness in the surface, covering uniformly. Always use Bordeaux nozzle.

No. 325. Myers Imperial Brass Spray Pump. (Fig. 640.) With patent agitator, hose, and either Vermorel or Bordeaux nozzle. Price, \$3.75.

Little Giant Brass Bucket Spray Pump. (Fig. 601.) With patent agitator, hose and Bordeaux nozzle. Price, \$3.25.

This pump can also be furnished with malleable footrest, as shown in Fig. 640. There is no extra charge for the footrest.

Myers Perfect Bucket Spray Pump. (Fig. 657.) On the same principle as the Imperial Spray Pump, but with a large air chamber, 2 inches in diameter, insuring a very steady stream; has wide base and will stand alone. With Bordeaux nozzle, price, \$4.00. Bordeaux nozzle or pipe extension extra.

No. 324. Myers Lever Bucket and Barrel Spray Pump. (Fig. 632.) This pump has many advantages. The lever handle is a most desirable feature, and the work is all done on the downward stroke. With the malleable footrest it is a most excellent bucket pump, and by taking off the footrest can be attached to a barrel by the projection shown on the cut. With either Bordeaux or Vermorel nozzle, price, \$4.50.

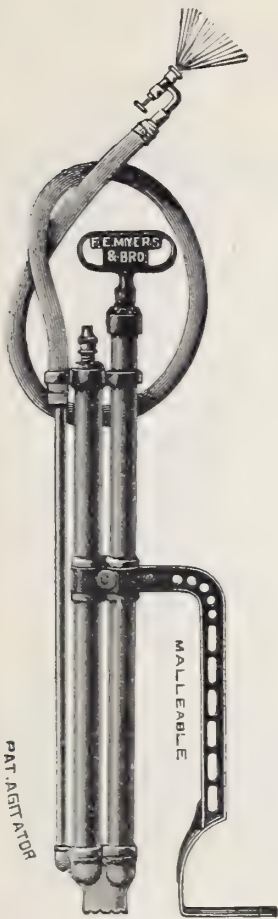


Fig. 640.

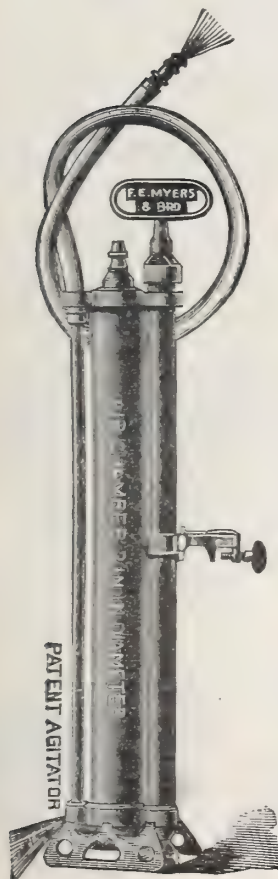


Fig. 657.

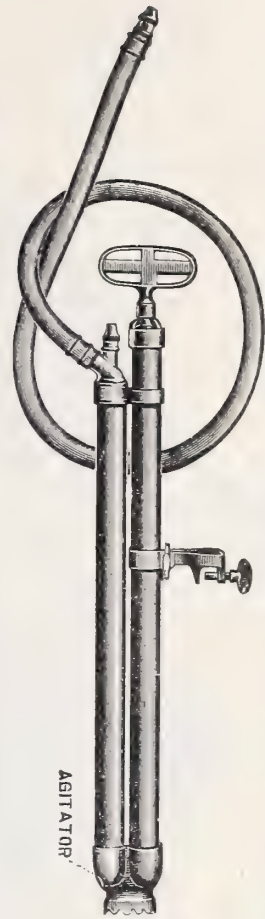


Fig. 601.

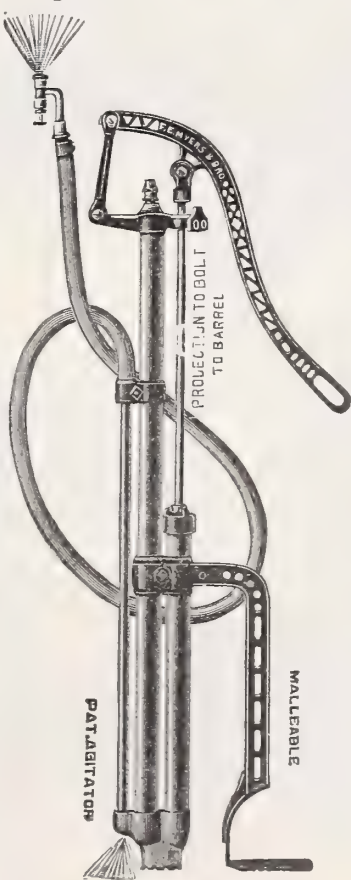


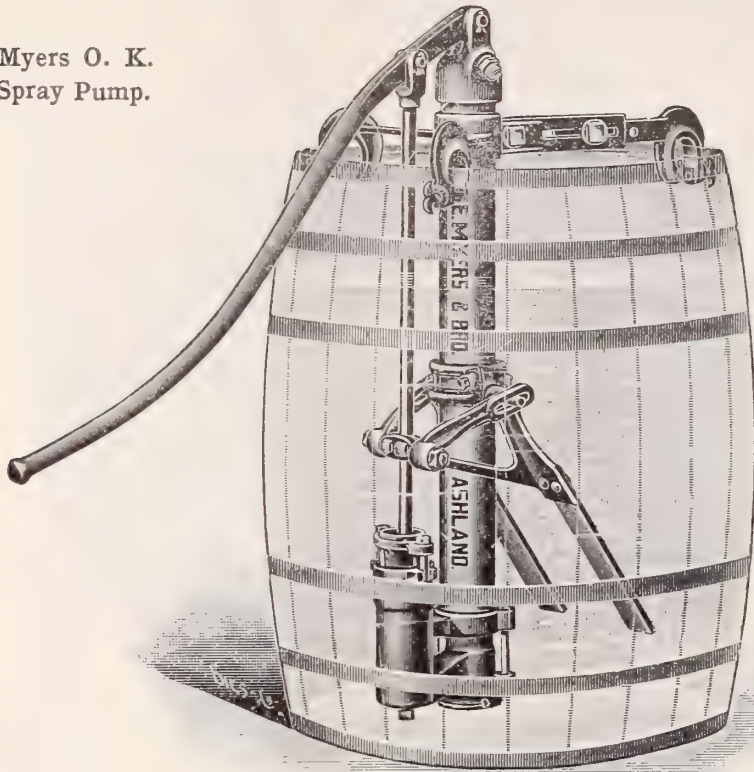
Fig. 632.



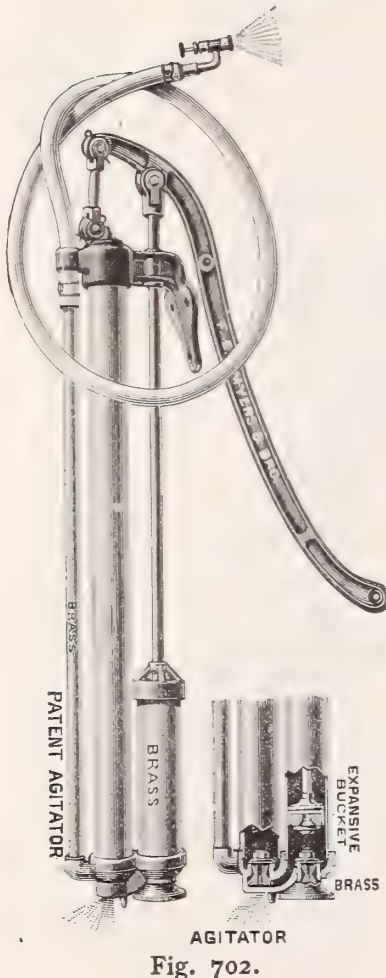
Fig. 480.

Myers O. K. Spray Pump.

Myers O. K.
Spray Pump.



For Hot, Cold or any kind of Mixture. Has mechanical agitator, solid brass ram plunger, ground bevel valve and seat. The new Myers O. K. Spray Pump has a special clamping device that can be adjusted to any barrel, regardless of the height or width. The cylinder is what is known as a ram plunger, made of solid brass tube with a closed end, which passes through a circular hemp packing, which adapts it for pumping hot, cold or any kind of mixture. The packing gland has a simple and positive adjustment by which all wear can be readily taken up. The valves can be easily taken out and repaired. The air chamber is made of 2½ inch steel tube, the handle is wrought steel, with adjustable stroke, and the pump is fitted for two strings of discharge hose. Price of pump, with 2 leads of 10 ft. hose and Bordeaux nozzles, \$20.00.



AGITATOR
Fig. 702.

No. 305. Myers Improved Barrel Spray Pump. (Fig. 702.) The entire pump sets in the barrel containing the liquid and is bolted fast to the staves at the upper end. The working parts being all submerged, the possibility of losing packing is done away with. Valves and seats are ground brass, brass cylinder and discharging pipe, patent expansive bucket, large 30 inch air chamber. Vermorel or Bordeaux nozzle and mechanical agitator. Price, \$8.50.



Fig. 547. Myers Knapsack Spray Pump

No. 306. The same pump as No. 305, but with 2 leads of hose and 2 nozzles. Price, \$9.50.

Myers Perfect Double-Acting Barrel Spray Pump. Fits on top of barrel, with brass upper and brass lined lower cylinder. All brass plunger, brass check valve, brass valve seat, fitted with agitator. Price, complete, with 2 leads of hose and Bordeaux nozzles, less barrel, \$13.50.

Myers Knapsack Spray Pump. (Fig. 547.) A convenient outfit. Four to six acres of vines can be covered in one day. Holds 5 gallons. Price, with galvanized tank, pipe extension and either Bordeaux or Vermorel nozzle, \$6.00. Same outfit, with copper tank, \$9.50.

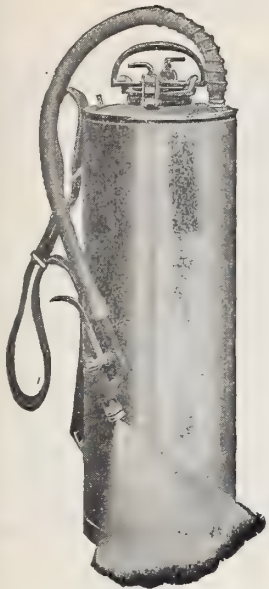
Bordeaux Nozzle. For spray or stream, 75c.

Vermorel Nozzle. Regular pattern, 75c.

Hose Ends. Per pair, 50c.

Fruit Growers: Don't Fail to Spray Systematically.

The Myers Double-Acting Cog Gear Spray Pump.



No. 1,—“AUTO-SPRAY”

The “Auto-Spray” works automatically for from six to fifteen minutes and may be charged in fifteen seconds by a stroke of the plunger. The “Auto-Spray” is the result of valuable original ideas, ingenuity and mechanical ability. One boy with an “Auto-Spray” will easily do as much as three men with a hand atomizer or any other hand device.

No. 1 “Auto-Spray.” Diameter 7 in., height 2 ft., 4 gal. tank, with our patent inward lock seam; brass connections, stopcock and nozzle, are turned out of solid brass and are not stamped out of thin sheet metal.

No. 1 Brass Tank, with stopcock, \$7.00; with “Auto-Pop,” \$8.00. **No. 1 Galvanized Tank**, with stopcock, \$5.00; with “Auto-Pop,” \$6.00.

(Fig. 1211.) Best whitewash coating and spray pump manufactured up to date. Brass ball valves and ground brass seats, 2 inch seamless brass lined cylinder, adapted for use either on the floor or the head of a barrel. The handle of this pump can be located to work at any angle to suit the operator. Price, complete, with 2 leads of 10 ft. $\frac{1}{2}$ inch discharge hose and Bordeaux nozzles, and 6 ft. wire-bound suction hose, \$25.00.

The “Auto-Spray.” The name “Auto-Spray” distinguishes the only perfect compressed air sprayer. The “Auto-

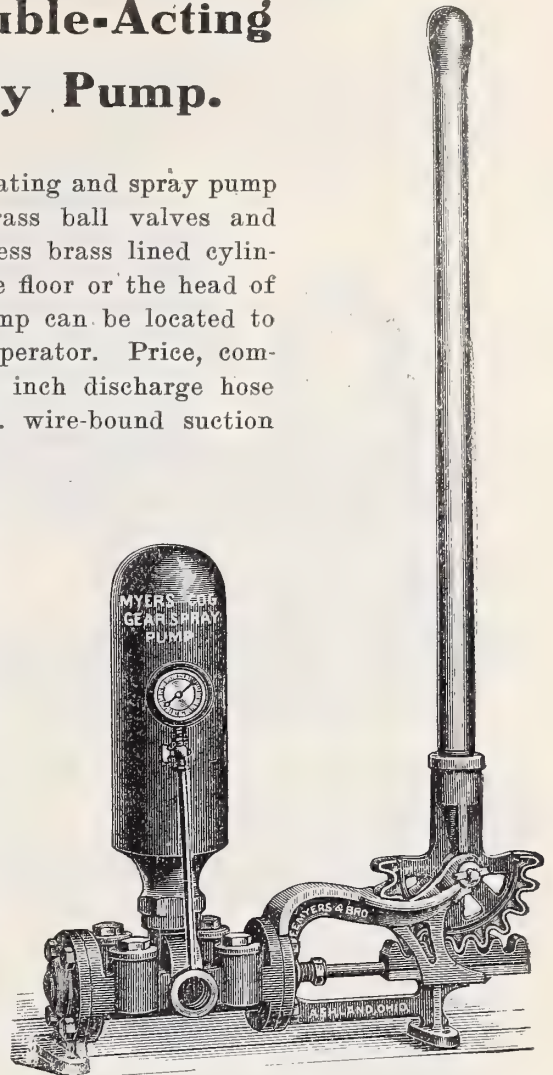


FIG. 1211

THE FAULTLESS HAND SPRAYER.



Throws a spray as fine as mist. Excellent for spraying plants, also for spraying disinfectants and “Anti-Fly Pest” on cattle. Price, 50c.

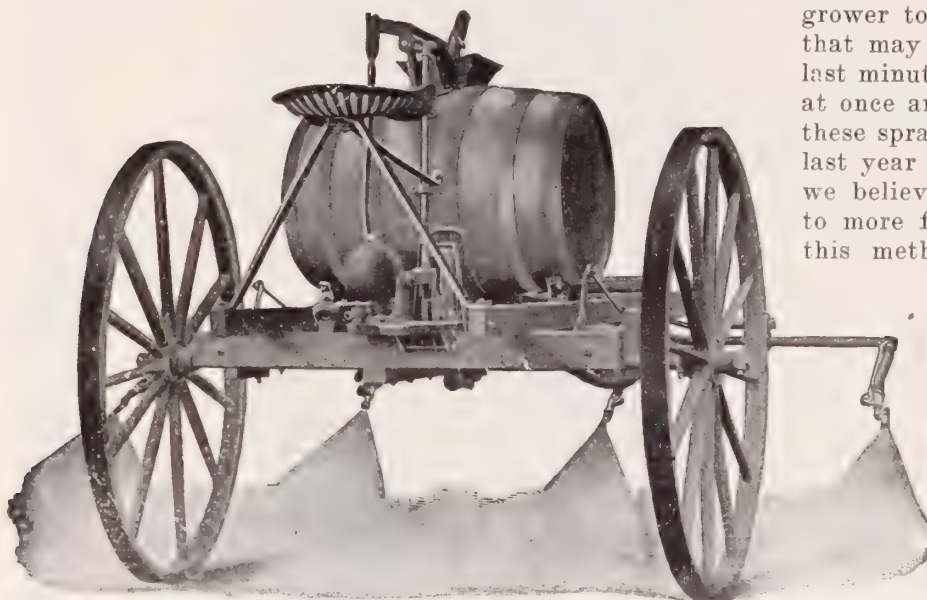


LEGGETT'S
CHAMPION
DUSTER

The Leggett Champion Duster, or Dry Powder Gun, is the only successful machine of its kind on the market. It does its work thoroughly, is light in weight, simple, and so well made that it will last for years. Can dust two rows at one time and is excellent for dusting trees. Price, \$8.50.

The Aspinwall 4-Row Sprayer.

Conditions now existing call for the best and most improved devices for spraying, and we believe the requirements are met in the machine which is here offered. Spraying against blight and insects is now recognized as a necessity by potato growers. With the rapid spread of blight, it behooves the



grower to be ready for any emergency that may arise. Do not wait until the last minute, but investigate this subject at once and be prepared. The trade on these sprayers is growing; we sold more last year than any previous season and we believe that growers are beginning to more fully appreciate the merits of this method of treating their potato

crop. The new Aspinwall 4-Row Sprayer is fitted with a brass-lined pump cylinder, brass ball valves and brass valve seats. With this machine from twenty-five to thirty acres can be gone over in a day, and one barrel of mixture will cover from four to six acres.

SOME REASONS WHY GROWERS PREFER THE ASPINWALL 4-ROW SPRAYER.

1. The pump, governed by the pressure required at nozzles, is automatic, and pressure can be changed instantly by operator without his leaving seat. No waste force in any direction.
2. A special arrangement prevents all clogging and obviates the necessity of a screen in barrel.
3. The valve mechanism is simplest and most durable, brass ball valves being used as stated above.
4. The pipe connections are all in front; the nozzles are underneath the machine and set to spray backwards, are in easy view of the driver and can be readily adjusted to any width of planting.
5. Each individual nozzle can, by foot pressure, be readily set to meet any irregularity in row.
6. It is the quickest and easiest machine on the market to set up and adjust. Price, \$50.00.

LAMBERD LAWN AND ROAD SPRINKLER.

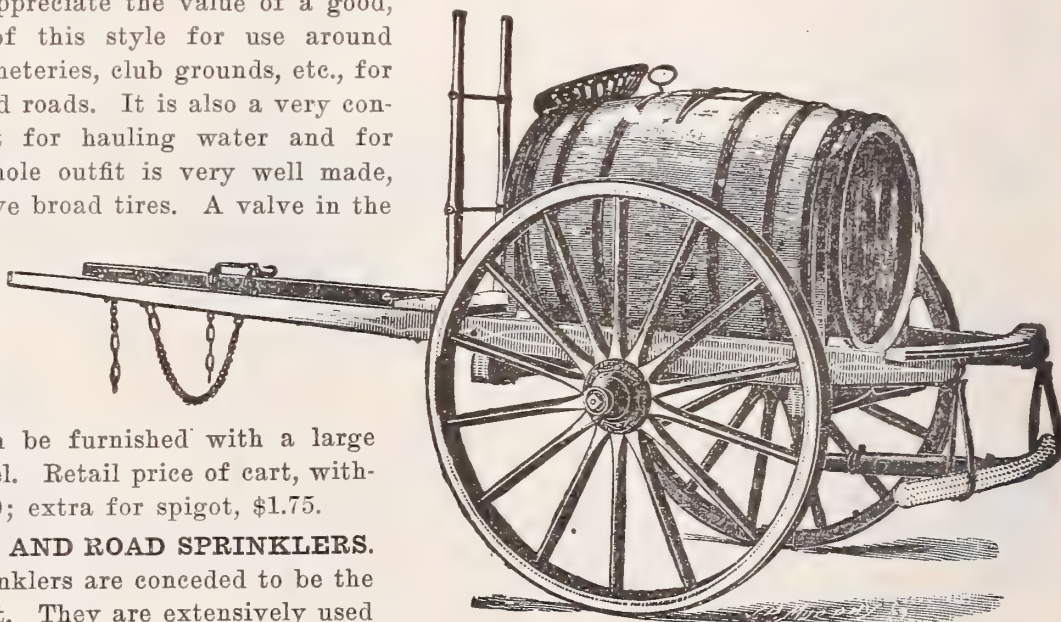
Everyone will appreciate the value of a good, substantial cart of this style for use around country places, cemeteries, club grounds, etc., for watering lawns and roads. It is also a very convenient tank cart for hauling water and for spraying. The whole outfit is very well made, and the wheels have broad tires. A valve in the bottom of the tank

is operated by a lever, which is within easy reach of the driver. At a slight additional

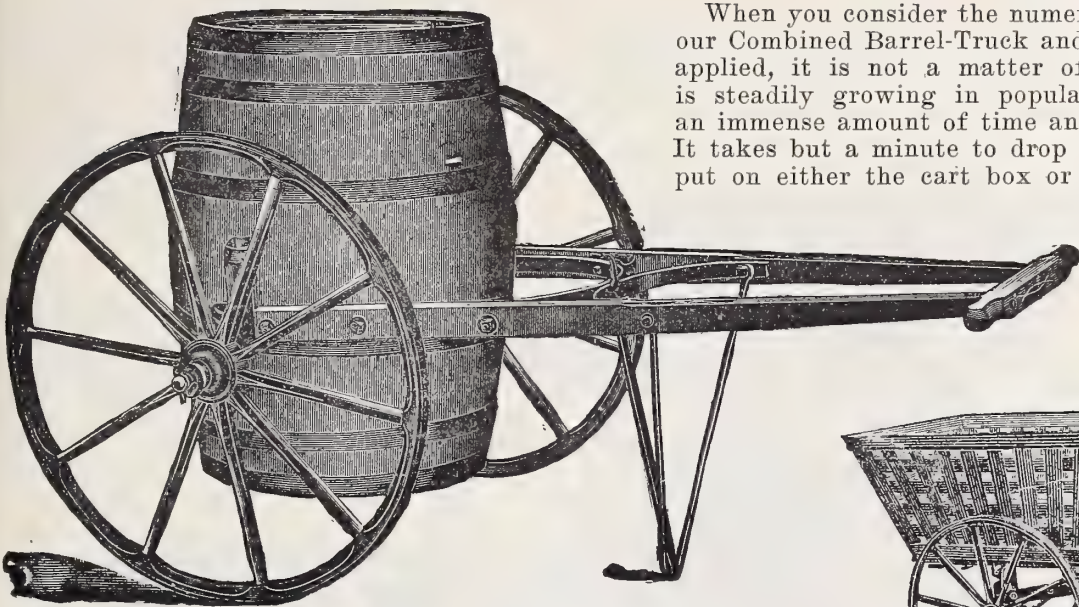
cost this cart can be furnished with a large spigot in the barrel. Retail price of cart, without spigot, \$100.00; extra for spigot, \$1.75.

AUSTIN STREET AND ROAD SPRINKLERS.

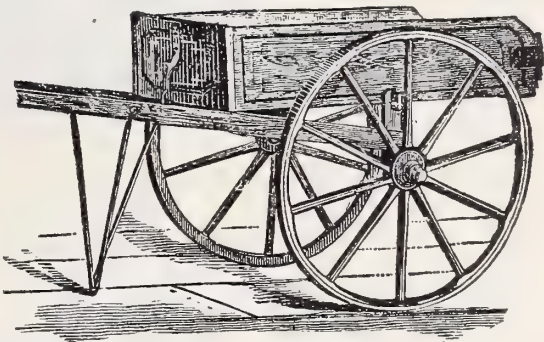
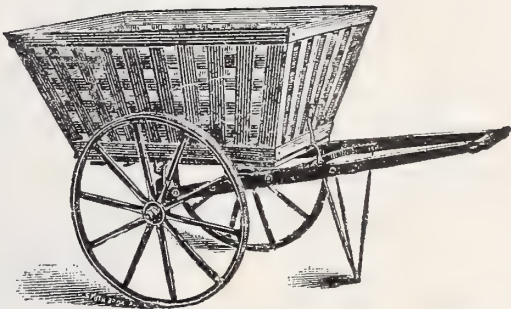
The Austin Sprinklers are conceded to be the best on the market. They are extensively used for sprinkling streets of cities and towns and on large country places and club grounds. Special catalogue and prices furnished on application.



Combination Barrel-Truck and Handcart.



When you consider the numerous uses to which our Combined Barrel-Truck and Handcart can be applied, it is not a matter of surprise that it is steadily growing in popularity. By its use an immense amount of time and labor are saved. It takes but a minute to drop off the barrel and put on either the cart box or leaf rack.



THE ABOVE ILLUSTRATIONS SHOW BOX AND LEAF RACK IN POSITION

Our trucks are durable, strong and handsome, and are nicely balanced and easily handled. For use on lawns we recommend four inch tires, and for general purposes the 2½ inch tires are mostly used.

Price List.

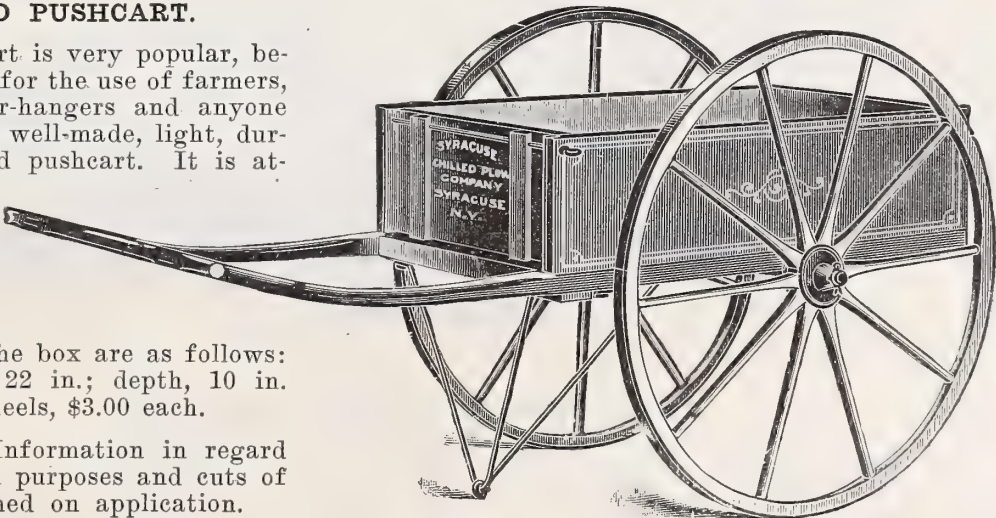
Water Truck only, with 1½ in. tires.....	\$ 6.50
Water Truck and Barrel, 1½ in. tires.....	9.00
Water Truck and Box, 1½ in. tires.....	8.50
Water Truck, with Barrel and Box, 1½ in. tires.	12.00
Sprinkling attachment for Barrel.....	3.25
Leaf Rack, valuable for use on lawns.....	5.00
If 2½ in. tires are wanted, add to above prices..	1.00
If 4 in. tires are wanted, add to above prices....	2.00
Extra Wheels, 1½ in. Tire.....each,	2.25
“ “ 2½ in. “	2.75
“ “ 4 in. “	3.00
Barrels	3.00
Box.....	3.00
Trunnions	per pair, .50

For Spray Pumps for use in barrels, see pages 65, 66, 67.

THE LAMBERD PUSH CART.

The Lamberd Puscart is very popular, because it is well adapted for the use of farmers, painters, printers paper-hangers and anyone else who has need of a well-made, light, durable and easily handled puscart. It is attractively painted, striped and varnished. The width of tire is 1½ in., height of wheels 36 in., axle 1½ in. The inside measurements of the box are as follows: length, 40 in.; width, 22 in.; depth, 10 in. Price, \$7.75. Extra Wheels, \$3.00 each.

Special Pushcarts. Information in regard to puscarts for special purposes and cuts of same cheerfully furnished on application.

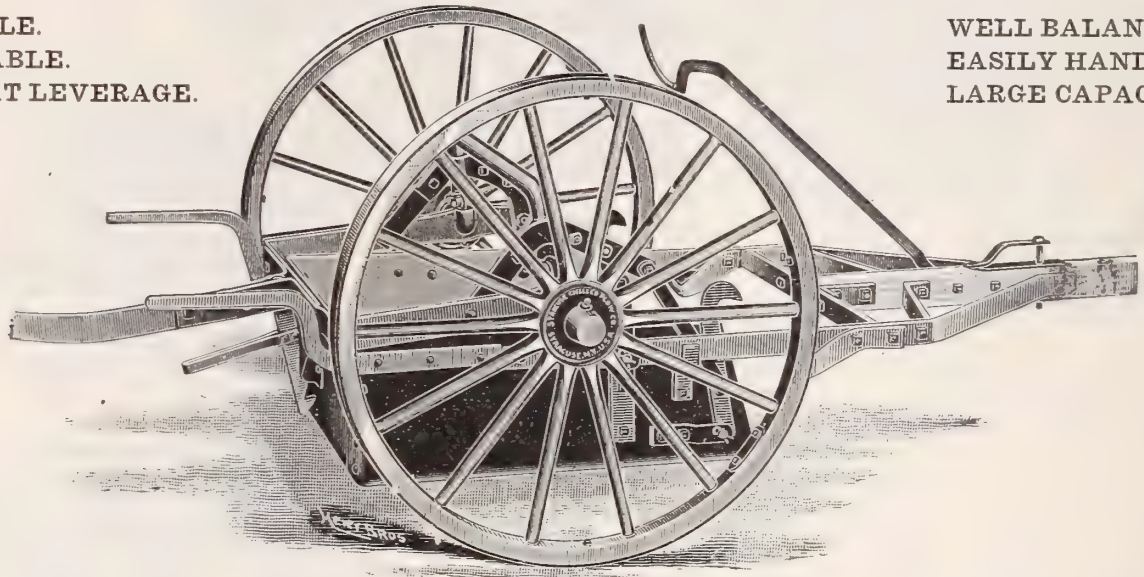


The Syracuse Wheel Scraper.

Not the lowest priced, but absolutely the best wheel scraper on the market. **Wheels:** Thoroughly seasoned spokes and rims and our new dirtproof iron hubs. **Axle:** One piece of special round steel and is arched high to give sufficient room for the load. **Tray:** Made of special steel, 3-16 thick, pressed cold, lapped and riveted at corners. **Bail:** Extra long and constructed so as not to come in contact with the load in raising the tray. **Draft Bars:** Very strong and form an efficient brace for the pole. Draft loops are hung on the under side and hold the hooks securely, so that the scraper cannot dump in loading. **Draft Hooks:** Are hung on the side of the tray, and are operated automatically by the axle braces, so that when loading they will engage in draft loops.

SIMPLE.
DURABLE.
GREAT LEVERAGE.

WELL BALANCED.
EASILY HANDLED.
LARGE CAPACITY.



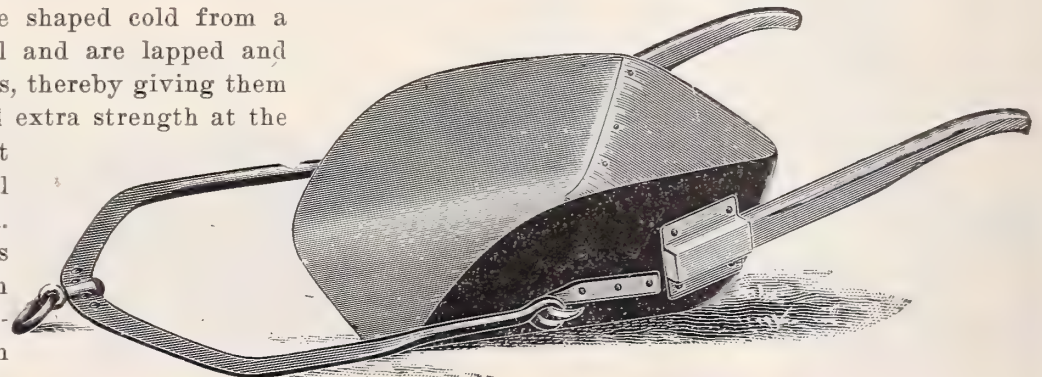
No.	Capacity	Size of Tray	Height of Wheels	Tire	Weight	Price
1,	10 cu. ft.	35 x35x11½ in.	36 in.	3 x5-16 in.	500 lbs.	\$40.00
2,	13 "	37 x38x13½ in.	40 in.	3 x5-16 in.	650 lbs.	45.00
3,	17 "	43½x40x15 in.	46 in.	3½x5-16 in.	800 lbs.	50.00

WHIFFLETREES AND NECK-YOKE, EXTRA.

CIRCULARS AND PRICES OF LOWER PRICED WHEEL SCRAPERS ON APPLICATION.

THE CELEBRATED SYRACUSE DRAG SCRAPER. (The Contractor's Favorite.)

These scrapers are shaped cold from a single sheet of steel and are lapped and riveted at the corners, thereby giving them double thickness and extra strength at the point where it is most needed. Special steel is used in the bail. The steel in the trays is a special high grade, and the runners on the bottom are heavy high carbon steel.



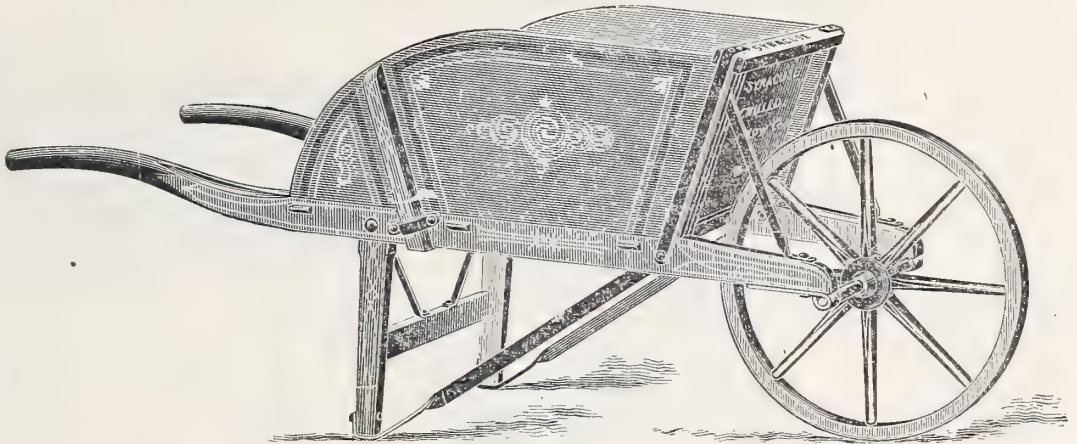
No.	Capacity	Length	Width	Depth	Weight	Price
3,	3 cu. ft.	30 in.	27½ in.	9 in.	85 lbs.	\$5.50
2,	5 "	31 in.	28 in.	10½ in.	95 lbs.	5.75
1,	7 "	33 in.	32 in.	11½ in.	105 lbs.	6.00

Special Prices to Contractors.

Garden Barrows.

The frame is made of well seasoned ash, with three crossbars mortised into the handles. The bottom boards are set into the rear crossbar, which prevents splitting at the ends. Strongly braced throughout. Handles, legs and wheel are painted red, and sides and front olive; handsomely striped and ornamented. Very popular with our trade, because it is the best barrow on the market.

The wheels have a solid cast iron hub, and revolve on a fixed axle. The spokes are made of seasoned hardwood, driven tightly into the hub $\frac{7}{8}$ of an inch, and doweled into the felloes. The felloes are doweled together at each joint and the tires are pinned on.



The spokes are wider at the hub than at the felloe, which side-braces the wheel.

Inside Measurements of Box.

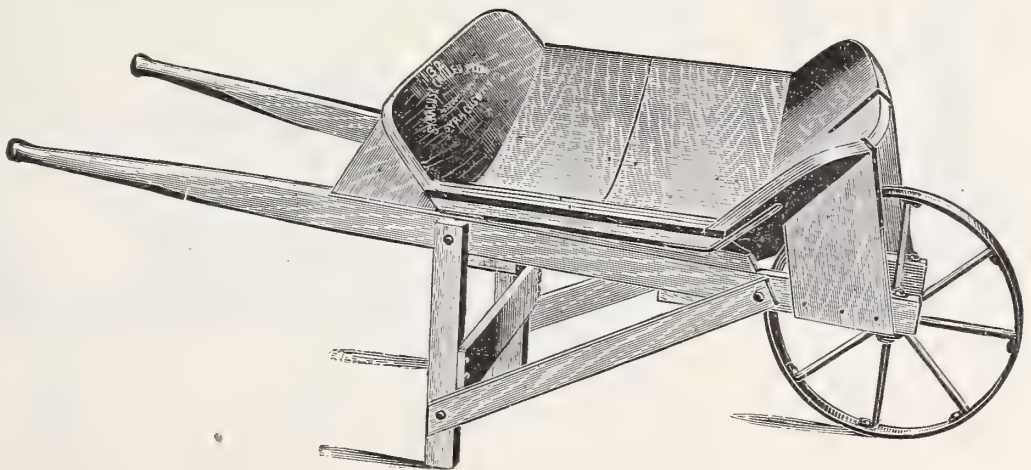
	Length	Front	Back	Depth	Wheel	Weight	Price
No. 141—Medium,	24 $\frac{1}{2}$ in.	19 in.	22 in.	12 in.	Wood, 20 in.	42 lbs.	\$3.75
No. 142—Large,	27 in.	21 in.	24 in.	13 in.	Wood, 20 in.	46 lbs.	4.00

OUR No. 1 FARM BARROW.

Built of the best seasoned material, frame of hardwood. It is strong and roomy and is adapted for the use of farmers. Painted red. Size of bin, 30 in. long, 24 in. wide in front, 25 in. in back. Side boards 12 in. high, 30 in. long. Handles, 5 $\frac{1}{2}$ ft. long, 2 $\frac{3}{4}$ x 1 $\frac{3}{4}$ in. Wheel, 21 in. diameter, 6 spokes; hub, 3 in. diameter in center, 2 in. diameter at ends. Price, \$4.50.

RAILROAD OR CANAL BARROWS.

The parts of these barrows are bolted together. The tray is braced both front and rear and a wood cleat extends the full depth on front of tray to keep it from splitting. A wedge piece is put on handle under the tray, which levels it up and throws the load over the wheel. These Canal Barrows readily displace all others wherever used. No. 122, with wood wheel, \$2.00. No. 132, with steel wheel, \$2.25.



No. 120 Canal Bar-

row. A first-class bolted barrow, having tray, braces and legs bolted together. All of our Canal Barrows have a 9-16 of an inch steel axle clipped underneath the handles in iron bearings, and the wheel revolves on the axle. Price, \$1.75.

COAL AND MORTAR BARROW.

Strong in construction. The gear is the same style as the regular Canal Barrows, but instead of the open bowl, as used on Canal Barrows, this barrow has a deep tray, ironed at the corners and of large capacity. They are designed for mortar, coal, shell, sand or broken stone. Price, with wood wheel, \$3.50; with steel wheel, \$3.75.

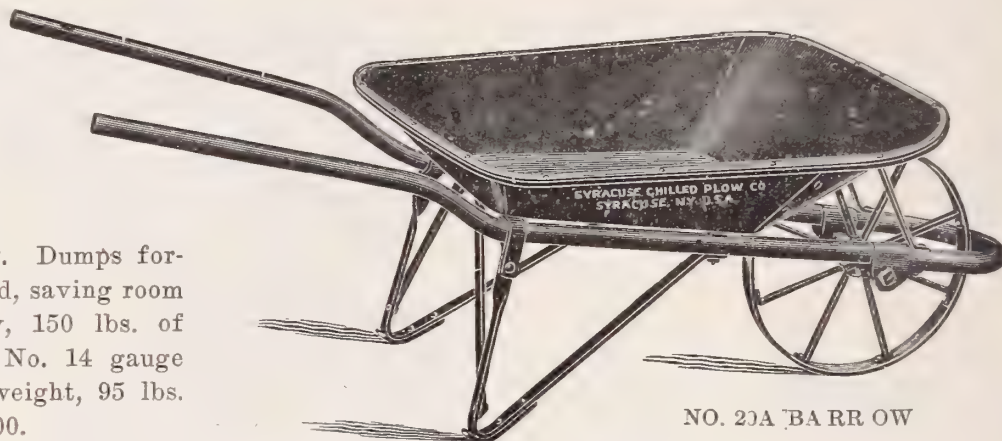
Steel Tray, Tubular Frame Barrows.

All of these barrows are so constructed as to throw the weight well on the wheel. The legs are well braced and are provided with a steel shoe, which, when worn, can be readily replaced, saving the expense of a new leg; the legs are securely braced with steel braces, and the tray is reinforced around the top edge. The frame extends around the wheel as shown in the cut, making an effective wheel guard. Taken as a whole, these barrows have more good points than any others.

No. 20 A. Capacity, 3 cubic ft.; tray, 34x29 in., No. 16 gauge; diameter of wheel, 17 in.; weight, 78 lbs. Price, \$5.50.

No. 40 Coal Barrow. Dumps forward and stands on end, saving room in storage. Capacity, 150 lbs. of coal; tray 37x29 in., No. 14 gauge steel; wheel, 17 in.; weight, 95 lbs. Price, \$8.00.

No. 42 Coal Barrow. Like the No. 40, but with a tray 38x30 in.; capacity, 200 lbs. Price, \$9.00.



NO. 20A BARROW

STEEL TRAY, WOOD FRAME BARROWS.

No. 74. This barrow is very popular with street contractors for handling concrete and asphalt. Capacity, 4 cubic ft.; tray, 34x29 in., No. 16 gauge; wheel, 17 in.; weight, 62 lbs. Price, \$4.50.

NEW YORK PATTERN HALF-STRAPPED WAREHOUSE TRUCKS.

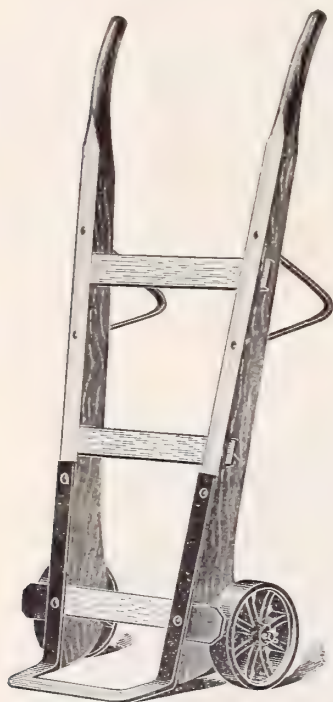
Made of the best hardwood, with agricultural coach varnish finish. They are thoroughly bolted, and all wheels have chilled bearings and run on steel axles. The nose irons and straps are of steel and the crossbars are mortised into the handle. They are well balanced, strong and durable.

No. 1—50 in. handles,	22 in. wide at top,	7 in. wheels.....	\$2.75
No. 2—54 in. "	23 in. " " "	8 in. "	3.75
No. 3—58 in. "	24 in. " " "	9 in. "	4.50
No. 4—60 in. "	25½ in. " " "	10 in. "	5.50
No. 5—63 in. "	26½ in. " " "	12 in. "	6.50

For full-strapped trucks, add to the above prices: For Nos. 1 and 2, 75c. For Nos. 3 and 4 \$1.00. For No. 5, \$1.50.

BENT HANDLE BAG TRUCK.

The Bent Handle Bag Truck, as shown in cut, is one of the most useful trucks we know of. They are well made of the best material, light and strong, 6 in. wheels, 42 in. handles. Price, \$2.00.



HALF STRAPPED N. Y. TRUCK

N. Y. PATTERN FULL-STRAPPED BARREL TRUCKS.

No. 50A—49 in. hdl.,	18 in. wide at top,	6 in. wheels,	\$4.00
No. 50B—54 in. "	21 in. " " "	7 in. "	5.25
No. 50C—58 in. "	22 in. " " "	8 in. "	5.50

SPECIAL TRUCK CATALOGUE. Special catalogue of Freight, Baggage and Special Trucks sent on application.



BENT HANDLE BAG TRUCK

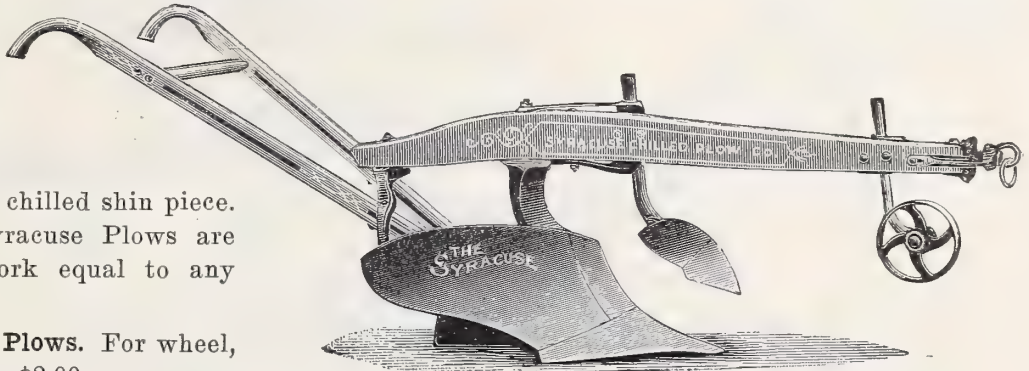
Syracuse Wood Beam Chilled Plows.

We show on this page illustrations of two of the leading series of the Syracuse Wood Beam Chilled Plow. These plows have chilled wearing parts, have sloping landsides and leave a clean, open furrow. They are excellently adapted for general purpose work in all kinds of soil. These plows will do satisfactory work in hard ground when other makes fail. They are easily handled and the style of the beam, clevis, wheel and jointer is such that the adjustment is easy and accurate. The wheel and jointer standards are wrought steel and will never break. Note that there is plenty of room between jointer standard and plow standard, so that there is no choking. The accompanying cut illustrates the fifty and ninety series, which include the numbers named below. They are the best known style of the wood beam plow.

They have a separate chilled shin piece.

Remember that Syracuse Plows are guaranteed to do work equal to any plow on the market.

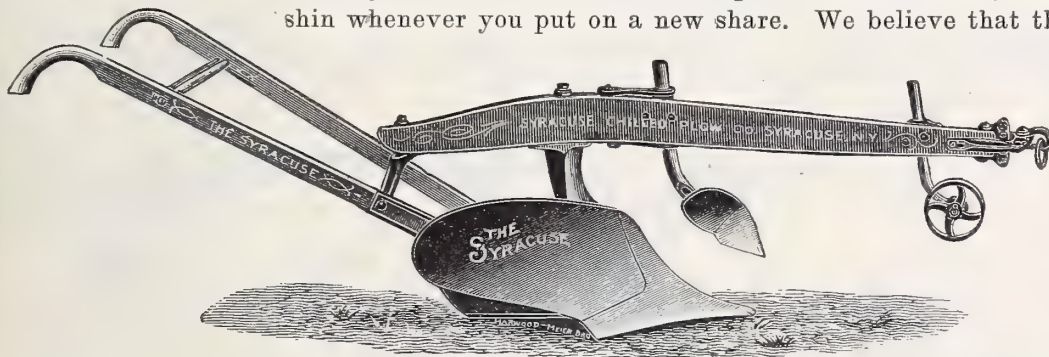
Price List of Plain Plows. For wheel, add \$1.00; for jointer, \$2.00.



Right Hand	Left Hand	Size	Furrow	Weight	Price
No. 53	—One or Two Horse.	2-4 in. deep,	6-8 in. wide,	76 lbs.....	\$ 8.75
No. 54	—Light Two-Horse.	4-6½ in. "	9-13 in. "	98 lbs.....	9.75
No. 55	No. 95—Medium Two-Horse.	4½-7 in. "	10-13 in. "	102 lbs.....	10.00
No. 56A	No. 96—Regular Two-Horse.	5-7½ in. "	11-14 in. "	115 lbs.....	10.50
No. 57	No. 97—Two or Three Horse.	6-9 in. "	13-16 in. "	113 lbs.....	11.00

One-Horse Syracuse Plows are illustrated and described on page 75.

The 500 and 600 Series. This is a later series of plows which have gained great popularity wherever introduced. It includes the numbers which are mentioned below. All the wearing parts are chilled and they have sloping landside. The shin is one piece with the share, so that you have a new shin whenever you put on a new share. We believe that this series is destined



to become the most popular of all. They are a little lighter than those mentioned above.

Prices are for Plain Plows. For wheel add \$1.00; for jointer, \$2.00.

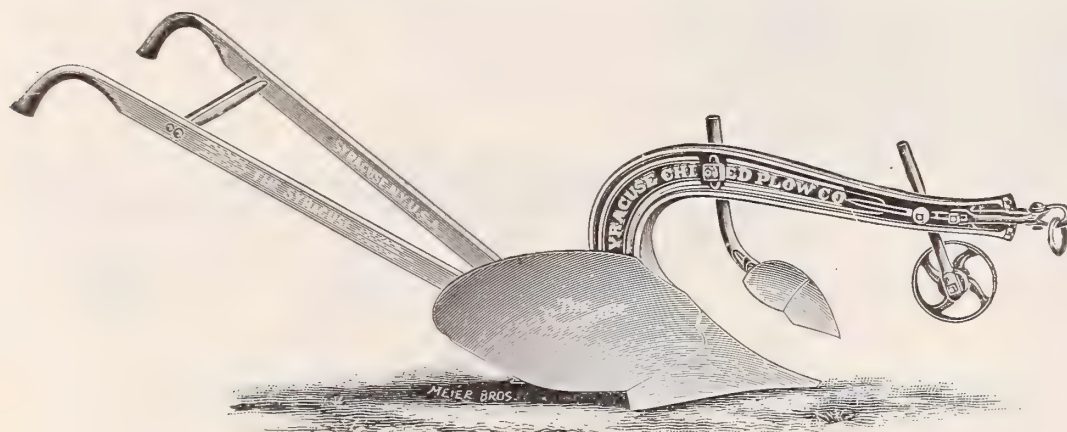
Right Hand	Left Hand	Size	Furrow	Weight	Price
No. 601.	No. 501—Large Two or Three Horse.	5½-8 in. deep	12-16 in. wide,	127 lbs..	\$10.50
No. 602	No. 502—Medium Two-Horse.	5-7 in. "	11-14 in. "	110 lbs..	10.25
No. 603	No. 503—Light Two-Horse.	4½-6½ in. "	10-12 in. "	99 lbs..	9.75

SOME SPECIAL POINTS OF MERIT ON SYRACUSE WOOD BEAM PLOWS.

All beams adjust at the back, making it less necessary to disturb the clevis. Double adjustment of clevis. Long center beam bolt and handles connected at the center of plow and handle crossbar extends out to brace moldboard. Wrought steel wheel and jointer standards, with an easy and accurate adjustment, and which give plenty of room for the trash to feed away so that the plow will not choke. The best of material and superior chilling of the wearing parts. The result is **The Best Plow on Earth.**

Syracuse Iron Beam Chilled Plows.

This style of plow is unequalled for hard and stony ground, and will stay in the ground where all others fail. The wearing parts are all of the best chilled iron, the jointer and wheel standards are steel. The jointers will not clog in the rankest growth or thickest trash. These plows are heavier in weight than the wood beam, but they are preferred by a great many of our best plowmen on account of their strength and the steadiness with which they run in hard and stony ground, and the severe work they are capable of doing. The beam and standard of this style are in one piece,



insuring solidity, and the beams are carefully set for correct plowing. The plows can also be nicely adjusted both ways at the clevis. When you buy the Syracuse, you buy the Best.

Prices are for Plain Plows. For wheels, add \$1.00; for jointers, \$2.00.

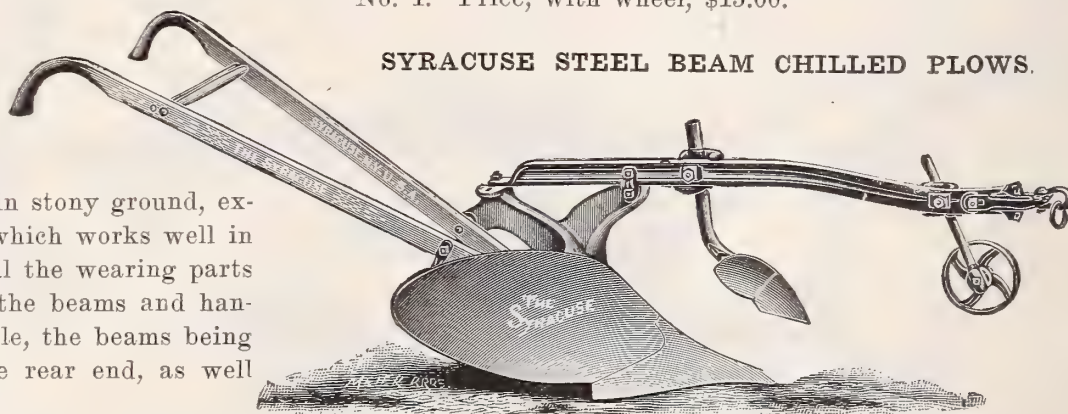
	Size	Furrow		Weight	Price
No. 3-78—Right Hand.	Light Two-Horse.	4-6 in deep,	9-12 in. wide,	112 lbs...	\$ 9.50
No. 2-78— " "	Medium Two-Horse.	5-7½ in. "	10-13 in. "	130 lbs...	10.00
No. 1-78— " "	Large Two-Horse.	5-8 in. "	12-15 in. "	142 lbs...	10.50
No. 10-78— " "	Three-Horse.	6-9½ in. "	14-16 in. "	167 lbs...	12.50
No. 20-78—Left " "	Medium Two-Horse.	5-8 in. "	11-14 in. "	136 lbs...	10.50
No. 30-78— " "	Three-Horse.	6-9½ in. "	14-16 in. "	172 lbs...	12.50

No. 1-78 Heavy or Contractors' Plow. Similar to the No. 1-78, except that the wearing parts and beam are heavier, and it has two heavy iron braces running from the curve of the beam to the handles. This is an excellent plow for general grading purposes. It turns the same furrow as the regular

This cut illustrates the style of all the numbers mentioned below.

They are well adapted for use in stony ground, except the No. 7, which works well in light ground. All the wearing parts are chilled, and the beams and handles are adjustable, the beams being adjustable at the rear end, as well as at the clevis.

No. 1. Price, with wheel, \$15.00.



SYRACUSE STEEL BEAM CHILLED PLOWS.

PRICE LIST OF PLAIN PLOWS. For Wheels, add \$1.00; for Jointers, \$2.00.

	Size	Furrow		Weight	Price
No. 7—Right Hand.	Medium Two-Horse.	5-7 in. deep,	9-12 in. wide,	130 lbs....	\$12.00
No. 8— " "	Two or Three Horse.	5-8 in. "	12-15 in. "	145 lbs....	12.00
No. 15— " "	Three-Horse.	6-10 in. "	14-17 in. "	170 lbs....	13.50
No. 22—Left " "	Medium Two-Horse.	5-8 in. "	11-14 in. "	132 lbs....	12.00
No. 21— " "	Two or Three Horse.	5-8 in. "	12-15 in. "	136 lbs....	12.00
No. 35— " "	Three-Horse.	6-10 in. "	14-17 in. "	170 lbs....	13.50

THE "SYRACUSE" WILL GIVE YOU MORE SATISFACTION THAN ANY OTHER PLOW MADE.

We Carry a Full Line of Repairs for Above Plows.

SYRACUSE ONE-HORSE CHILLED PLOWS.



These plows are constructed on the same principle as the two-horse plows. They have chilled wearing parts, sloping landsides, adjustable beam and clevis, and are strong in construction. They are well adapted for general purpose work in light soils, and leave a clean, open furrow.

PRICE LIST OF PLAIN PLOWS.

	Size	Furrow	Weight	Price
No. 44 —Right Hand.	Very Light One-Horse.	2-4 in. deep, 6-8 in. wide,	44 lbs.....	\$4.75
No. 50L— “ “	Light One-Horse.	2-4 in. “ 7-9 in. “	59 lbs.....	5.75
No. 51L— “ “	Medium One-Horse.	2-5 in. “ 8-10 in. “	65 lbs.....	6.50
No. 52L— “ “	Large One-Horse.	3-5½ in. “ 9-11 in. “	73 lbs.....	7.50

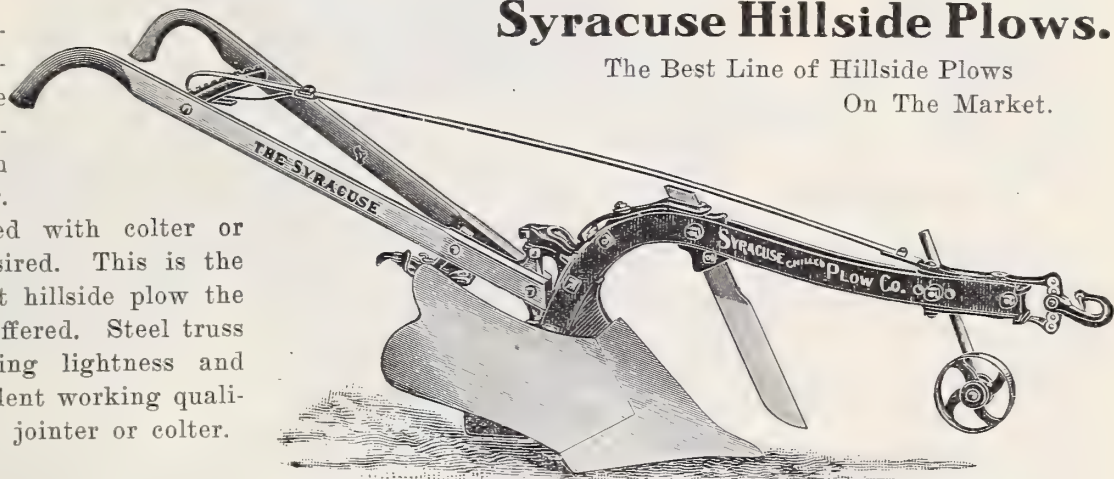
FOR TWO-HORSE PLOWS see pages 73 and 74.

Syracuse Hillside Plows.

The Best Line of Hillside Plows
On The Market.

The accompanying cut illustrates the No. 812 Hillside Plow, with straight colter.

It is furnished with colter or jointer, as desired. This is the latest and best hillside plow the company has offered. Steel truss beam, combining lightness and strength, excellent working qualities, automatic jointer or colter.



PRICE LIST OF PLAIN PLOWS. For Wheel, add \$1.00; for Jointer, add \$2.00..

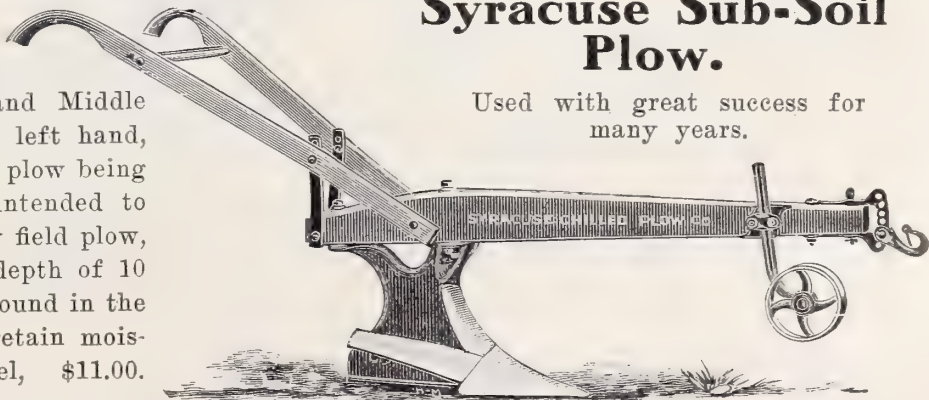
	Size	Furrow	Weight	Price
No. 812—Medium Two-Horse.	Steel Truss Beam.	4-7 in. deep, 10-14 in. wide,	145 lbs...	\$13.00
No. 6L—Two-Horse.	“ “ “	4-6½ in. “ 10-13 in. “	145 lbs...	13.00
No. 26—Light Two-Horse.	Wood Beam.	4-6 in. “ 8-10 in. “	100 lbs...	9.75
No. 36—One-Horse.	“ “	3-5 in. “ 7-8 in. “	77 lbs...	7.00
No. 46—Small One-Horse.	“ “	2-4 in. “ 5-6 in. “	40 lbs...	4.50

The No. 812 is the only size that has automatic jointer. Nos. 36 and 46 cannot be fitted with jointer.

The No. 48 Syracuse Sub-soil Plow, as illustrated by this cut, is the most approved pattern for the Eastern and Middle States. It is made also in left hand, the number of the left hand plow being 47. The sub-soil plow is intended to follow in furrow of ordinary field plow, loosening up the soil to a depth of 10 or 14 in., and leaving the ground in the best possible condition to retain moisture. Price, with wheel, \$11.00. Weight, 100 lbs.

Syracuse Sub-Soil Plow.

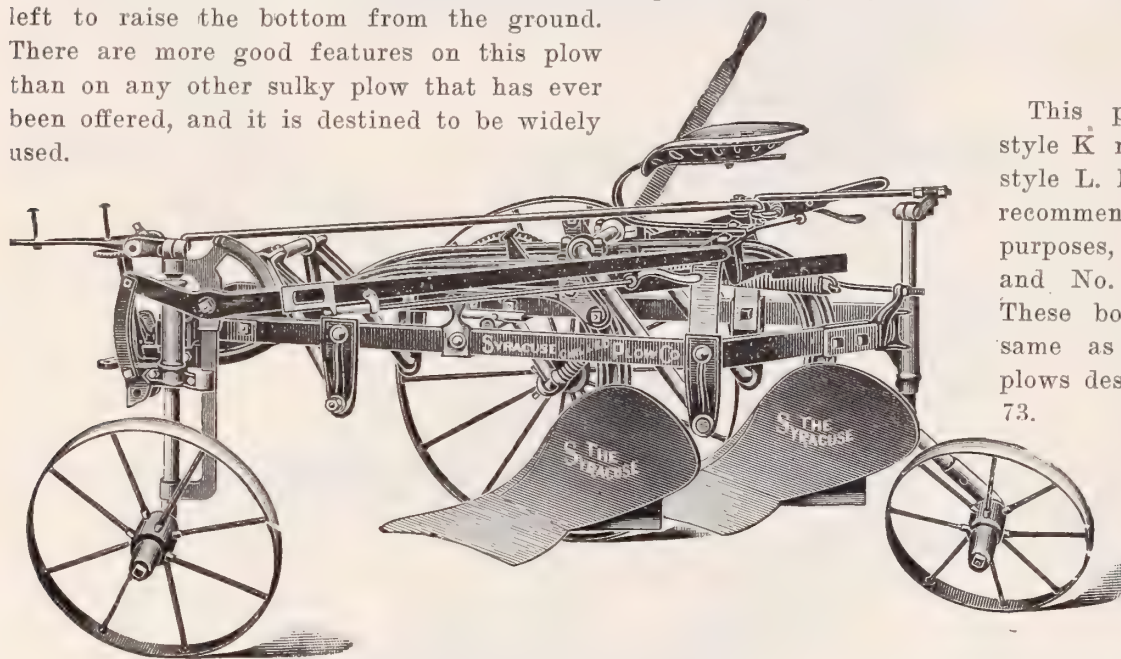
Used with great success for many years.



We Carry a Full Line of Repairs for Above Plows, also for Other Makes.

Syracuse High Lift Gang Sulky Plow.

This plow is the result of long and careful experimenting, and each part has been thoroughly tested and tried. It is very strong in construction, very well balanced and most convenient to operate. The lifting device is simply perfect, the weight of the plow being counterbalanced by the heavy coil spring, shown in the cut, so that it requires a very slight pressure upon the lever at the left to raise the bottom from the ground. There are more good features on this plow than on any other sulky plow that has ever been offered, and it is destined to be widely used.



This plow is made style K right hand, and style L left hand. We recommend, for general purposes, the No. 602 and No. 502 bottoms. These bottoms are the same as used on the plows described on page 73.

PRICE LIST OF HIGH LIFT GANG PLOWS, WITH JOINTERS.

With 601 Right Hand or 602 Left Hand, Chilled Bottoms, 14 in. furrow,	\$72.50
“ 602 “ “ “ 502 “ “ “ “ 12 “ “	70.00

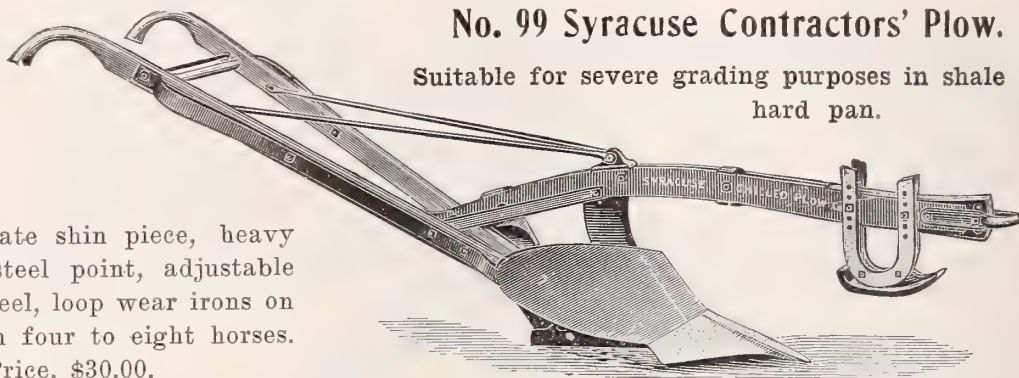
If jointers are not wanted, deduct \$4.00; if rolling colters are wanted instead of jointers, add \$3.00; if four-horse evener is wanted, add \$5.00.

Solid Comfort Single Sulky Plow. We have sold this plow for several years and it has given our trade great satisfaction. Price, with 14 in. chilled bottom, jointer and three-horse evener, \$45.00. If three-horse evener is not wanted, deduct \$3.00.

The No. 99 plow is very strongly built, has slight turning capacity, steel truss beam, steel moldboard and landside, separate shin piece, heavy overlaid wrought steel point, adjustable shoe in place of wheel, loop wear irons on handles. Used with four to eight horses. Weight, 310 lbs. Price, \$30.00.

No. 99 Syracuse Contractors' Plow.

Suitable for severe grading purposes in shale or hard pan.



SYRACUSE PAVEMENT PLOW.

The No. 98 Syracuse Pavement Plow has adjustable, reversible bar steel point, adjustable shoe in place of wheel, loop wear irons on handle, strongly built throughout. Especially adapted for tearing up cobblestones or macadam pavements. Used with four or six horses, Weight, 263 lbs. Price, \$25.00.

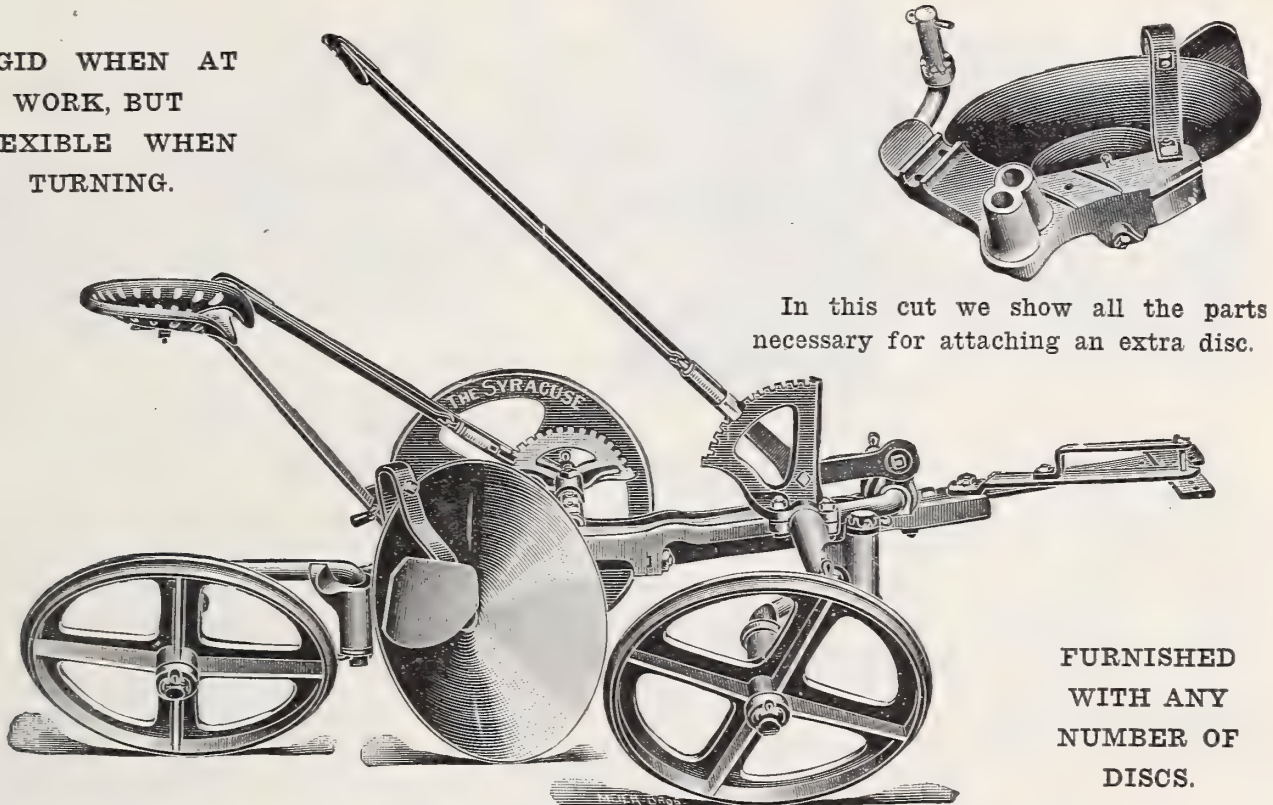
No. 1 Contractors' Plow. This plow is somewhat similar to the regular No. 1-78, and is described more fully on page 74. Price, with wheel, \$15.00.

Special Prices to Buyers of Large Quantities.

Syracuse Disc Plow.

The Syracuse Disc Plow combines two essential features not heretofore recognized in disc plow construction, and without which no riding plow can ever hope to be a lasting success. It is perfectly rigid when plowing and flexible when being turned. A disc plow will not do uniform work when used on ordinary and soft ground, if all the parts are not held rigidly together at the joints. In turning, particularly in gangs, the frame must have flexible connections in order to prevent frequent up-sets. The Syracuse is the only disc plow that combines the two highly important features.

**RIGID WHEN AT
WORK, BUT
FLEXIBLE WHEN
TURNING.**



The cut shows the Single Disc Plow. The upper illustration shows an extra disc and attachment, by means of which the single disc plow can be converted to a double plow. In the same manner a three or four gang plow may be made simply by adding the extra disc. Each disc is supported by a frame, which is a duplicate of the other, with the exception of the one in front; the disc is held within a detachable chilled box, protected from dust and made to hold oil, preventing waste and wear. Each frame is connected to the other by a hinged joint, which saves strain on the horses and plow in turning corners and greatly lightens draft. Being made with a double pivotal connection to each frame, the plow is adjustable to different widths of furrow without taking out bolts or the use of extra parts; the front furrow wheel axle is adjustable and assists in making this change. As the front furrow wheel casters are automatic in turning, the plow turns freely in either direction, while the wheels are held in the furrow by the draft of the machine. The rear furrow wheel is held by an adjustable block and can be raised or lowered; all wear in the diameter of the discs can, in this way, be taken up. The levers are long, and placed not only with a view to convenience in operation, but also for efficiency. The scraper fits the disc perfectly at all points in the adjustment, so that the ground is turned equally as well whether plowing shallow or deep furrows; the peculiar shape of this scraper pulverizes the ground thoroughly, as the furrows are turned, which makes the Syracuse Disc Plow superior to all others for covering trash.

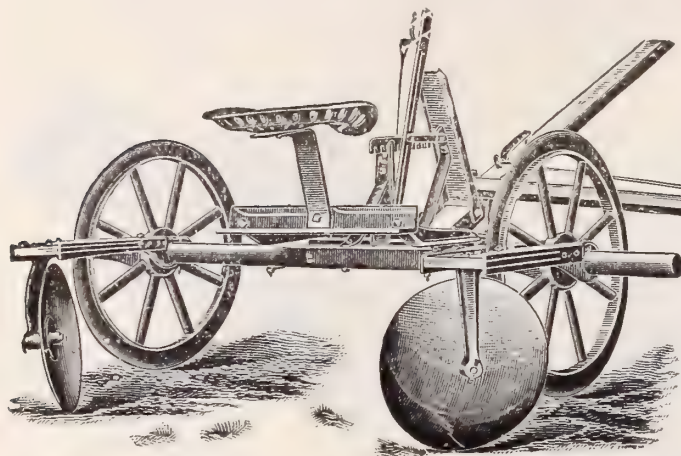
There is not a plow on the market that possesses as many good points as this one. **In General Excellence the Syracuse is Ahead of All Others.**

Price of Single Disc Plow.....	\$40.00
Extra Disc, complete with attachments.....	12.50

We Repair Farm Machinery.

THE HAINES ROW MARKER, FURROWER AND COVERER.

The Improved Haines Marker has many points of excellence not found in other machines for marking and covering. It is very light draft for team, easily controlled and very quickly changed from marking to covering. It is not necessary for the driver to dismount at the end of the row to lift the marker into position, and the depth of furrow can be adjusted while the team is in motion.



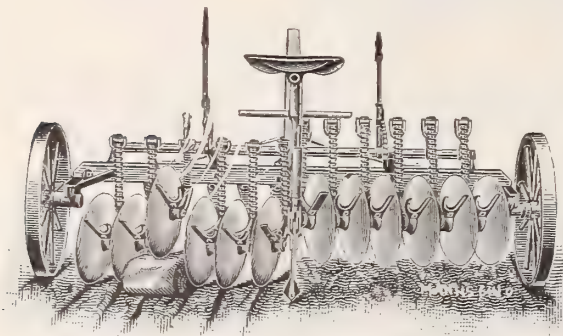
Being on wheels the draft is reduced from 30 to 40 per cent. It is constructed after a simple pattern and can be operated by anyone who is able to control the team. It can be quickly changed for different

width rows. The furrows are opened by a 16 in. steel disc, having a steel axle, well protected from sand. The

discs are adjusted by a lever, which is in easy reach of the operator, while he is on the seat. The marking pole is very simple and easily adjusted. The machine has good spring seat, and is equipped with double trees and neck-yoke. Price, complete, \$27.50.

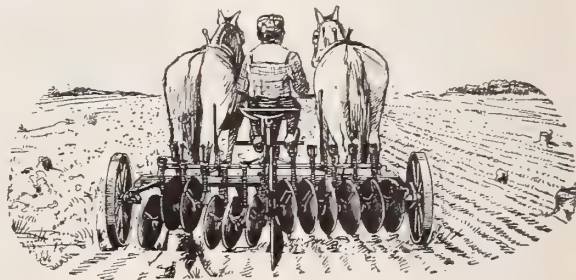
THE SUPERIOR DISC HARROW ON WHEELS.

We give below two illustrations of the Superior Disc Harrow on Wheels, which give a very good idea of the general construction of this harrow, and show how, on account of the independent action of each individual disc, the harrow can be operated in fields where there are obstructions, and only the disc or discs which strike the obstruction are lifted from the ground. On this account the work is done thoroughly, there being no uncut spots left and the work of harrowing is not dangerous for the driver. The Superior Disc Harrow rides on wheels and is very easy to manage, and can be transported from place to place. It is practically a solid steel harrow, having heavy steel frame, steel seat and steel wheels. Everything possible is made of steel, workmanship is the very best,



and every harrow is carefully inspected and tested before it leaves the factory. The angle of the discs never changes; this makes light draft and insures the best work. Special dirt-proof bearings, lubricated by hard oil compression cups; one filling of cups is sufficient for one hundred acres. Equipped with sod deflectors, which prevent pieces of sod from being carried up by the discs. Stone boxes are not needed on this harrow, as the pressure of the discs is assured by strong springs. On account of the discs being hung independently, ridges, hollows and every available foot of space is cultivated.

Superior Disc Harrows are furnished with center-cut discs, with center-cut spring trip shovel, or without either. This harrow does more work than any other and it does better work. It is easy on both man and team. Try the Superior Harrow side by side with the best disc harrow of other makes that you know of, contrast the construction and we are satisfied that you will decide in favor of the Superior. All discs are 16 in. in diameter.

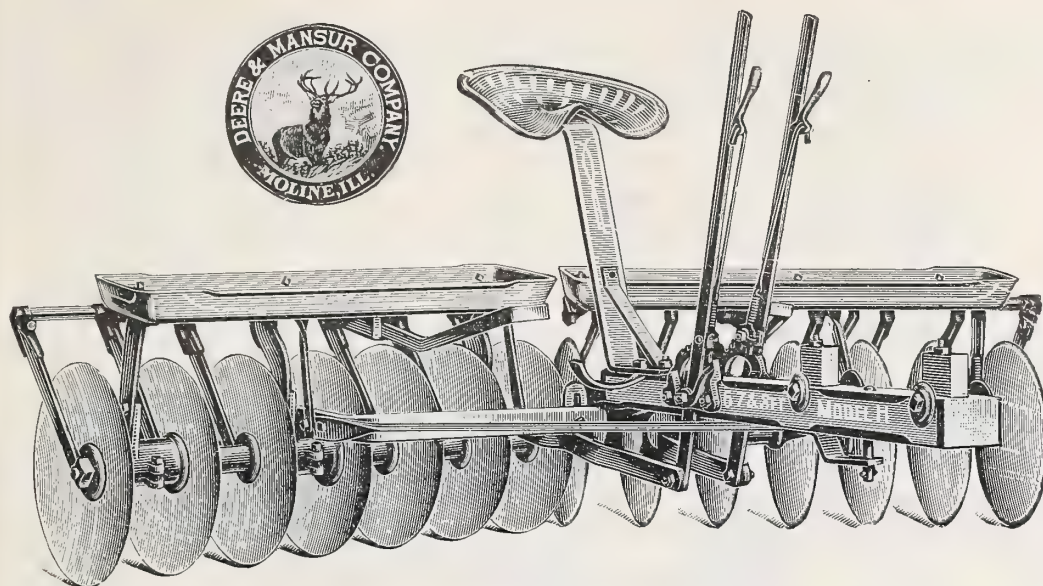


PRICES.

With 8 discs, for 2 horses.....	\$37.00
“ 10 “ “ 2 “	40.00
“ 12 “ “ 3 “	42.50

With 14 discs, for 4 horses.....	\$47.00
“ 16 “ “ 4 “	50.00
“ 18 “ “ 4 “	53.00

Deere Model H Disk Harrow

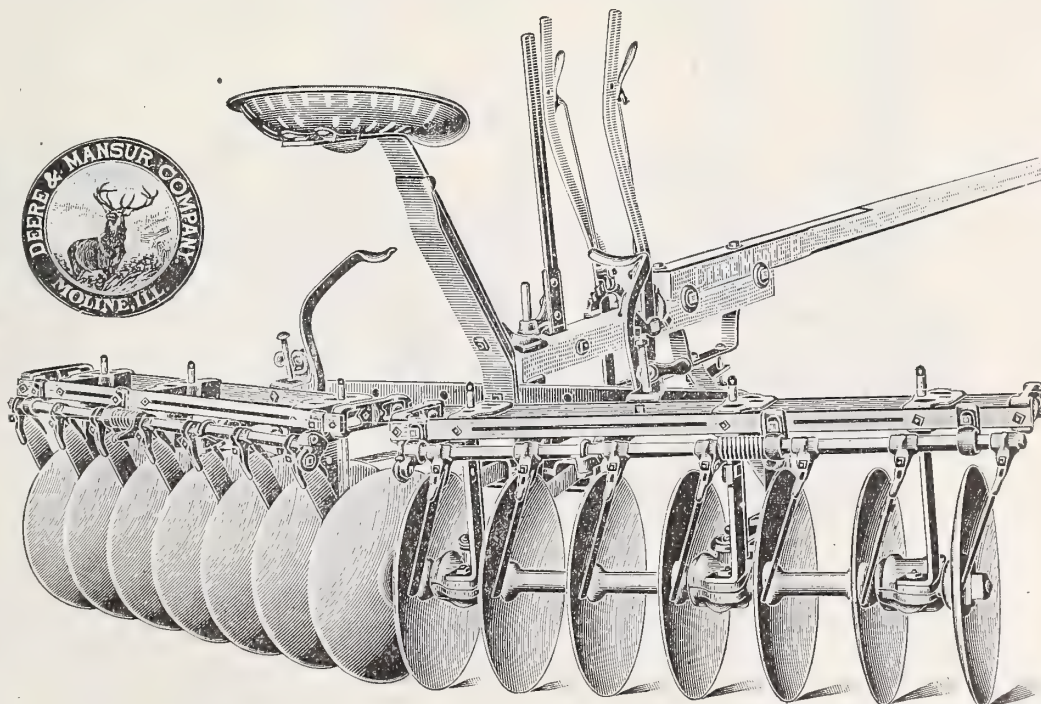


Deere Disk Harrows have always been famous for their great durability, good work and ease of operation, both for driver and team. The Model H is made in three sizes: six, seven and eight foot cuts. The disks are very heavy, which is a point to be considered. The tongue frames are interchangeable.

It has double angling levers. The gang frames and shanks are constructed so that they prevent clogging in trashy ground. The bearings are made of hard wood, and an oil tube, which extends above the weight boxes, leads directly to each bearing. Each gang has a foot lever, which operates an oscillating scraper on each disk, and with one movement of the foot the scraper sweeps across the disks, removing anything adhering to it. Price: 8 disks, 16 inch, \$21.00; 10 disks, 16 inch, \$23.00; 12 disks, 16 inch, \$25.00.

Model B Disk Harrow

This harrow is very similar to Style H, but is superior on account of having independent disks. When the inside end of a gang passes over any obstruction or uneven surface, the spring equalizer permits it to rise while the other gang remains at work. When it is passed, the equalizer is so constructed that its pressure throws it swiftly back into position.



The Model B Harrow will cut out dead furrows and work over ledges more evenly, and cultivate more thoroughly the full length of the harrow, than any other make. Price: 8 disks, 16 inch, \$25.00; 10 disks, 16 inch, \$27.50; 12 disks, 16 inch, \$30.00.

We Repair Farm Machinery.

Syracuse Lever Spring Tooth Harrow.

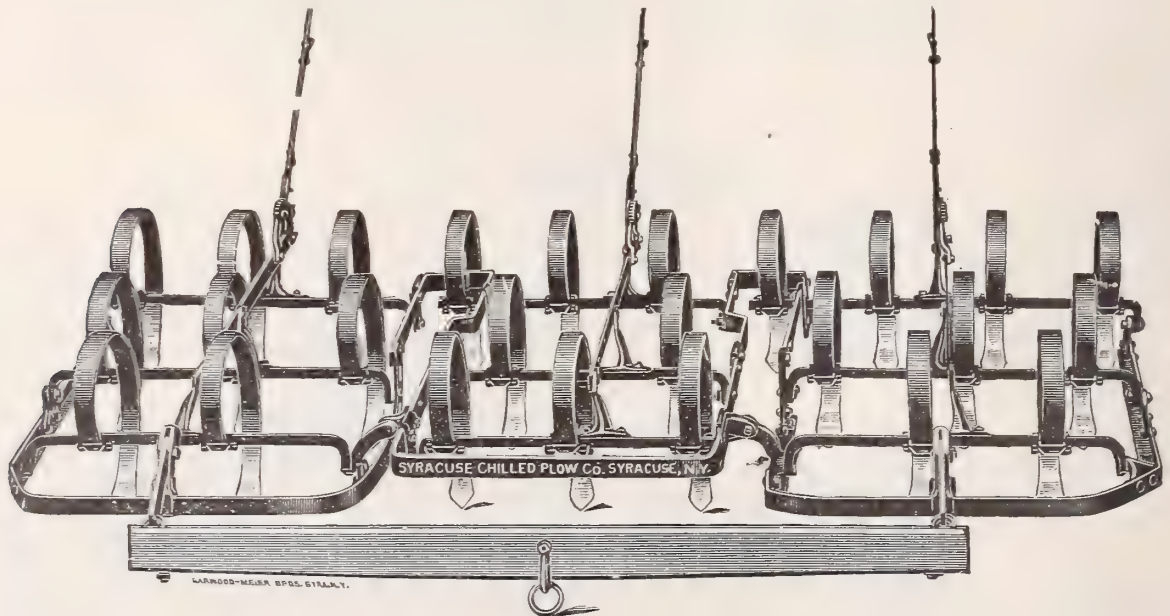
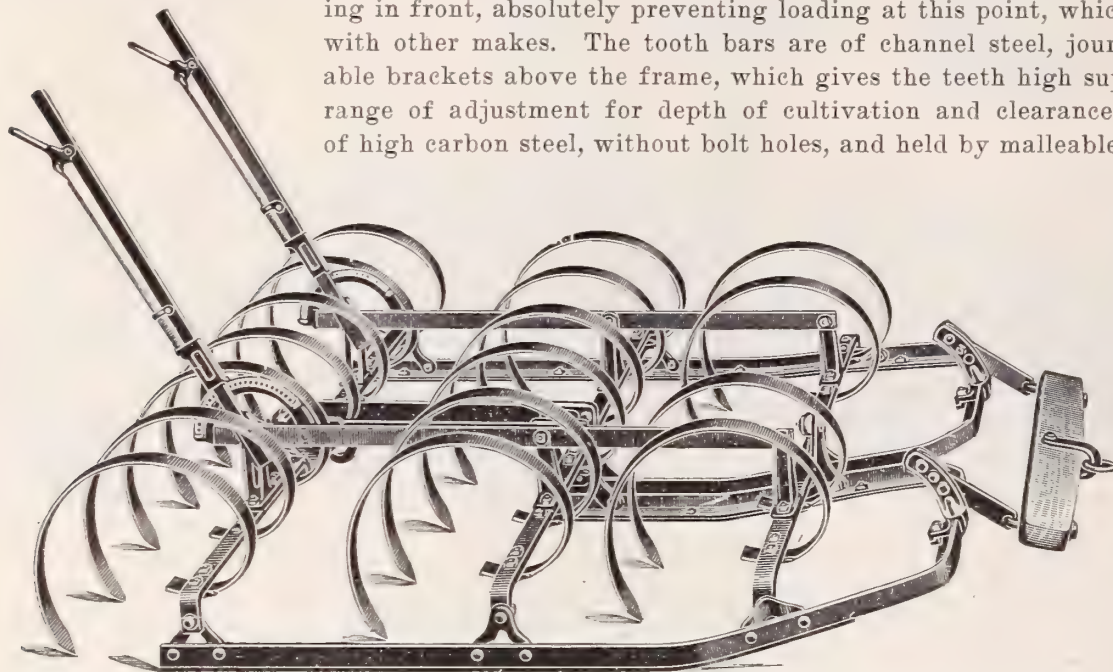
THE BEST WORKING, BEST IN CONSTRUCTION AND BEST WEARING HARROW MADE.

The frame bars of angle steel, thoroughly protected by steel shoes, which double the life of the harrow. Inside frame bars raised at the end, giving free outlet to trash. Frame with small opening in front, absolutely preventing loading at this point, which is so common with other makes. The tooth bars are of channel steel, journaled in malleable brackets above the frame, which gives the teeth high support and great range of adjustment for depth of cultivation and clearance. Spring teeth of high carbon steel, without bolt holes, and held by malleable holders, allow-

ing for separate adjustment when worn.

By use of the levers the teeth can be readily set deep or shallow, or can be thrown out of the ground to clear of trash and for dragging harrow

from one place to another. Central and direct draft without side motion; adjustable hitch so that the teeth at the front and rear can be regulated to work at the same depth. No spring tooth harrow made is giving such universal satisfaction.



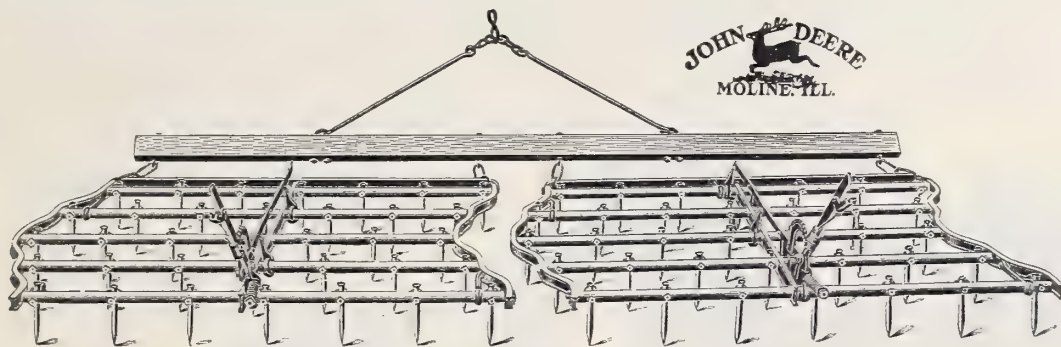
The above cut illustrates the Syracuse Three-Section Lever Harrow, which is made by using an 8 tooth center section in connection with either 15 or 17 tooth harrow, which makes an admirable 23 or 25 tooth harrow. Being made in three sections, which are connected flexibly, it conforms readily to uneven ground and does thorough work. A harrow of this kind can be used either with or without the center section, thus it is really a two and a three or four horse harrow combined in one.

17 tooth harrow with plain teeth.....\$17.00	15 tooth harrow, with plain teeth.....\$15.00
17 tooth harrow, with separate points... 17.50	15 tooth harrow, with separate points.... 15.50
8 tooth center section, with plain teeth, \$8.00; with separate points, \$8.50.	

All Prices Subject to Change Without Notice.

STEEL U BAR FRAME SPIKE TOOTH LEVER HARROW.

This harrow is made in a strictly first-class manner throughout. The frame is of U bar channel steel, of good weight and strength. Steel teeth $\frac{5}{8}$ in. square are used, and the teeth are of good length and can be adjusted up or down. They are attached to frame by a malleable clamp and bolt. The teeth can be set at any angle by use of the lever. The frame, while very strong, is also flexible. This is a first-class and very useful tool.



Two-section U Bar Harrow, with 50 $\frac{5}{8}$ in. teeth.....\$12.50
Two-section U Bar Harrow, with 60 $\frac{5}{8}$ in. teeth..... 13.50

MICHIGAN REVERSIBLE HARROW POINT.

The Michigan Harrow Point will fit any style or make of tooth. It is reversible and will wear twice as long as a tooth at one-third the cost. We introduced this point to our trade several years ago and it has proved generally satisfactory. They are nicely shaped, and a harrow equipped with them does excellent work; besides this, they are very economical. They attach to the tooth in a simple and positive manner. Price each, 15c.



Syracuse Reversible Harrow Points. These points are largely used on Syracuse Spring Tooth Harrows.* They bolt on and can only be used on teeth which originally had separate points. Price, each, with bolts, 12c.

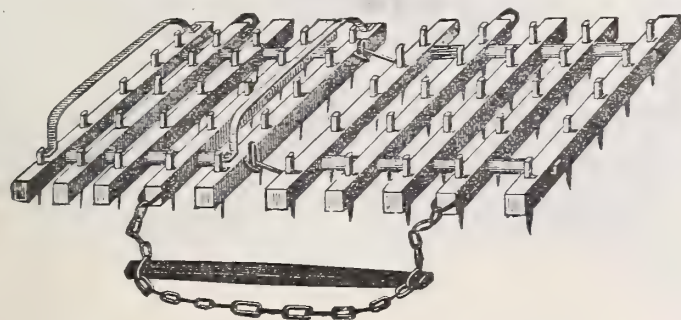
Spring Harrow Teeth. Syracuse Spring teeth, with plain points, 40c. each; with separate reversible points, 50c. each. Plain spring teeth for other leading makes of harrows, 40c. each.

PERRY WOOD FRAME SPRING TOOTH HARROW.

The frames are iron shod. This style of harrow is desirable on account of the way it crushes clods. Price, 16-tooth, \$10.00; 18-tooth, \$10.75; 20-tooth, \$11.50; 22-tooth, \$12.25.

GARDENER'S WOOD FRAME SPIKE TOOTH HARROW.

A strong wood frame harrow, having 24 $\frac{5}{8}$ square steel teeth, and with runners on the back so that it can be moved handily. This is a very popular harrow with market gardeners. Price, \$5.00.



DOUBLE HINGE HARROW.

A two-section wood frame harrow, having 40 $\frac{5}{8}$ in. square teeth. This harrow also has runners, to make transportation easy. Price, \$8.50.

Spike Harrow Teeth. Square steel teeth all sizes, per lb., 5c.

The Aspinwall Potato Planter.

The Aspinwall Potato Planter is a boon to the farmer, from the fact that **with only a team and driver, the work required is easily done.** The machine being automatic and accurate, does not require an extra man to operate or correct the feeding mechanism, which means a great deal in the saving of time and wages, especially as satisfactory hired help is difficult to obtain in many sections of the country. The Aspinwall Planter is simple, and it is not necessary to spend several weeks in careful practice to become skilled in operating it; it marks the row, opens the furrow, and covers the seed any way desired, in one operation; it deposits the seed uniformly at desired depth from three to nine inches. The Aspinwall Planter will plant from five to nine acres per day with one man and team, and it works satisfactorily on hillsides, stony ground, bottom land or clover sod. It deposits the seed in a perfectly straight furrow at any desired distance from ten to twenty-six inches, and covers it with moist earth, insuring a good start.

The Aspinwall Planter **accomplishes the work of ten men and pays for itself in a single season on a moderate acreage.**

The Aspinwall Planter does not injure the seed, pack the soil, nor plant irregularly. It does not require two persons to operate, nor leave the last seed in the row uncovered. The seed is kept separate from the fertilizer, and on hillsides it is not spilled out of the hopper. It is a durable machine and will not wear out in one or two seasons. It is not heavy or clumsy, is easy on the team and operator. It is the machine for you to buy.

The Aspinwall Planter is furnished with disc coverers, and with or without fertilizer attachment.

Runner Coverers can be furnished if desired. The fertilizer attachment is a decided success. The flow of fertilizer is in view of the operator and under perfect control by him. Can be regulated to sow any quantity, from the smallest amount up to 2,500 lbs. per acre.

THE ASPINWALL IS, AND HAS ALWAYS BEEN, KING OF POTATO PLANTERS.

PRICES OF ASPINWALL POTATO PLANTERS.

Plain Planters, with disc coverers.....	\$60.00
Planter, with fertilizer attachment and disc coverers.....	70.00
Corn planter attachment.....	7.50

THE ASPINWALL POTATO CUTTER.

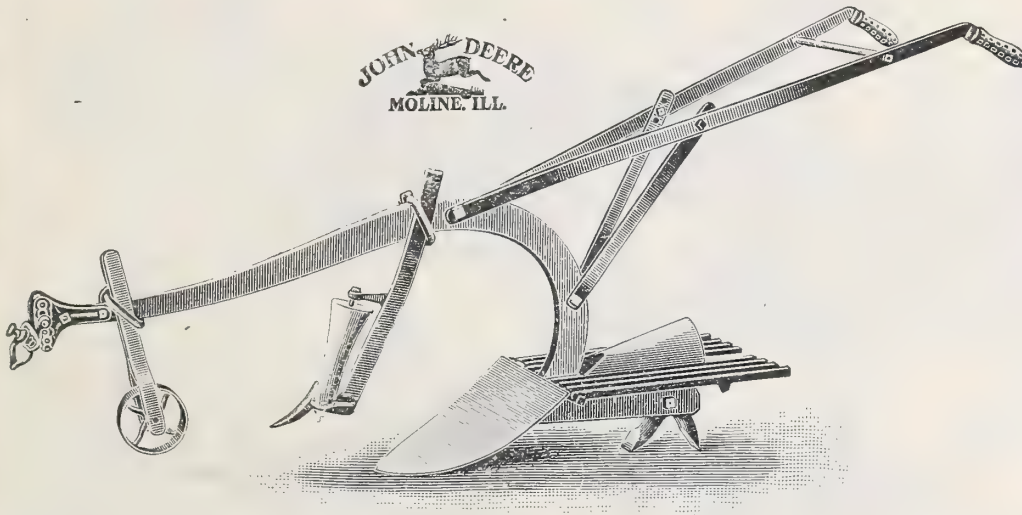
This machine materially lessens the labor of preparing seed for planting, and enables it to be put in the ground promptly, which is conceded to be the safest method. Furthermore, all danger of careless work, or cut and bleeding fingers is eliminated. This machine is more accurate than hand work, cuts more uniformly, and is very much more rapid, as it will do the work of from eight to ten persons. It is a most profitable investment. Price, \$7.50.

SHOWING ASPINWALL POTATO CUTTER IN OPERATION.



Shaker Potato Plow, or Digger.

Steel Beam. Natural temper steel blades. Provided with weed fender and gauge wheel. The Shaker Digger has a perfectly flat blade and will not cut the potatoes. The rod grating is hinged at the front and is given an up and down shaking motion by the sprocket wheel at the rear. This shakes the dirt off from the tubers and leaves them clean and whole on top of the ground. The weed fender is intended to clear away weeds and vines, preparing the way for the blade. The Digger is shipped with gauge wheel and fender, unless ordered without. Price, \$14.00, as illustrated; with forecarriage, \$16.00.



Hamburg Potato Plow, or Digger. Where a small or medium size crop of potatoes are to be plowed up, this tool is highly recommended. Made out of very best material, in a modern manner, and gives satisfaction wherever it is used. Price, \$9.00

ASPINWALL POTATO SORTER.

Sorts potatoes in three sizes without injury. Send for circular giving full description.

SPANGLER SINGLE ROW FERTILIZER DISTRIBUTOR.

This is a most convenient and satisfactory machine to distribute fertilizers in an open furrow after the ground is prepared for planting potatoes, tobacco, corn, peas, beans, etc. The rear shovel mixes the fertilizer thoroughly with the soil. The machine is substantially built and is easily regulated to sow fertilizer in any quantity, from 150 pounds to any amount desired per acre, spreading the fertilizer six inches wide in the furrow. The shovel which follows the fertilizer discharge is attached to a drag bar, which is raised or lowered at will by a lifter, arranged so that it may be held at any desired height.

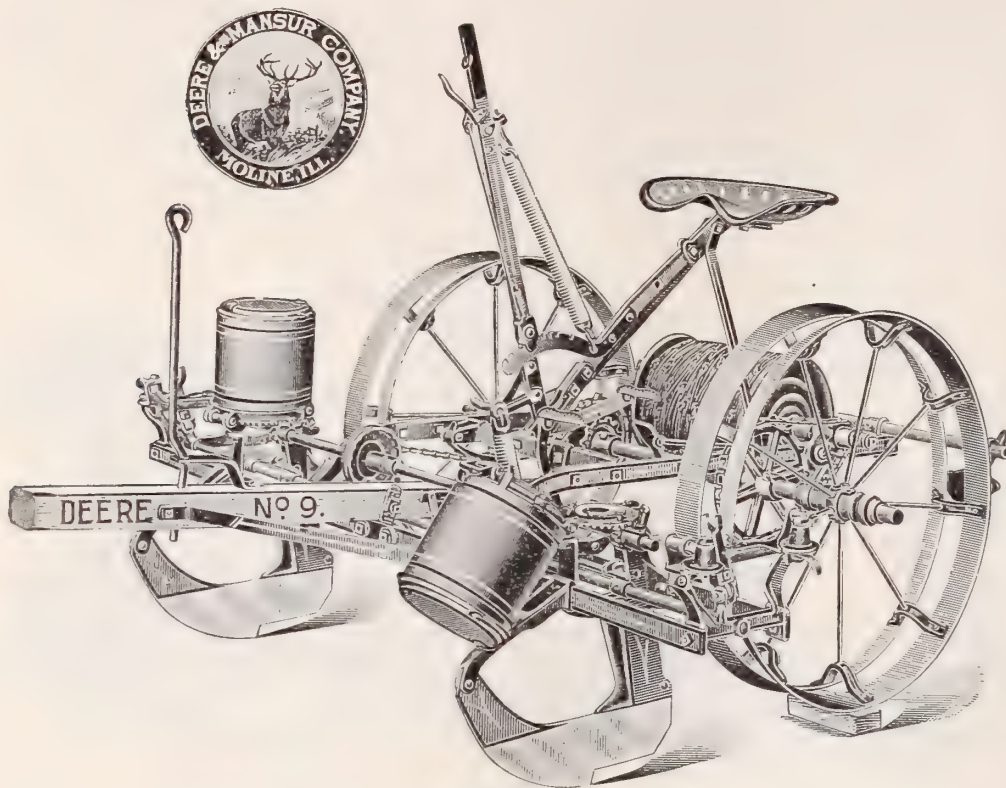
Price, \$12.00



Prices Subject to Change Without Notice.

No. 9 New Deere Corn Planter—Edge Drop

Advantages of the Edge Drop Over Other Styles. Ten to Fifteen Bushels More Per Acre.



"The prime object sought by the use of a corn planter is to get corn planted in the fields in hills, and a uniform number of kernels in each hill. The importance of having the same number of kernels in a hill has been proven by many experiments at the Agricultural Colleges, in which the fields planted with 3 kernels in a hill yielded from 10 to 15 bushels of corn more to the acre than fields planted with the same number of kernels unevenly distributed — that is, some hills with only 1 or 2 in and others with 4 or 5. This shows the value of the machine that will drop corn the most uniformly; and,

so far, no machine has been invented, or is likely to be invented, that will drop corn as near perfect as the Edge Selection Drop, or Edge Drop Planter."

Price, plain planter, \$35.00; with check rower, \$42.50. Fertilizer attachments furnished with planter, \$10.00 extra.

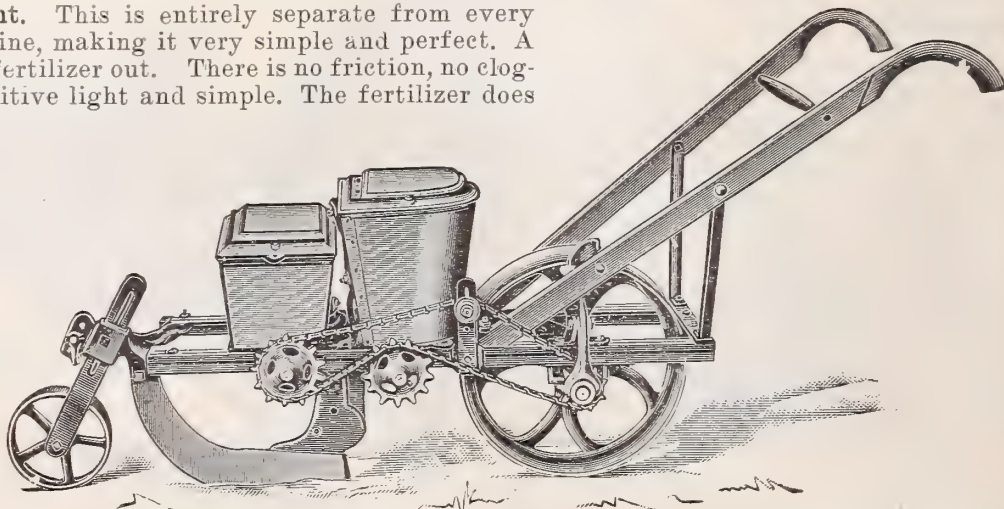
This planter, with an additional cost of \$1.50, is furnished with disks.

THE LAMBERD STEEL FRAME PEA, BEAN AND CORN DRILL

This simple, compact and splendid working tool has for many years held its own against all competitors. Each year it gains a host of new friends and becomes more popular. The runner and covering wheel are distinguishing features of this machine. These make it practically one-half of a two-horse planter, the runner cutting a furrow, the wheel closing it and packing the earth over the seed. Each drill has plates to plant corn of different sizes, 8, 12, 16 and 20 inches apart. Plates for ensilage and for any kind of seed can be obtained. Plants corn, peas, beans. With special plates, which we can furnish, it will plant peanuts, rice, broom corn, sorghum, popcorn, carrot, beat, turnip, millet, onion seed, etc.

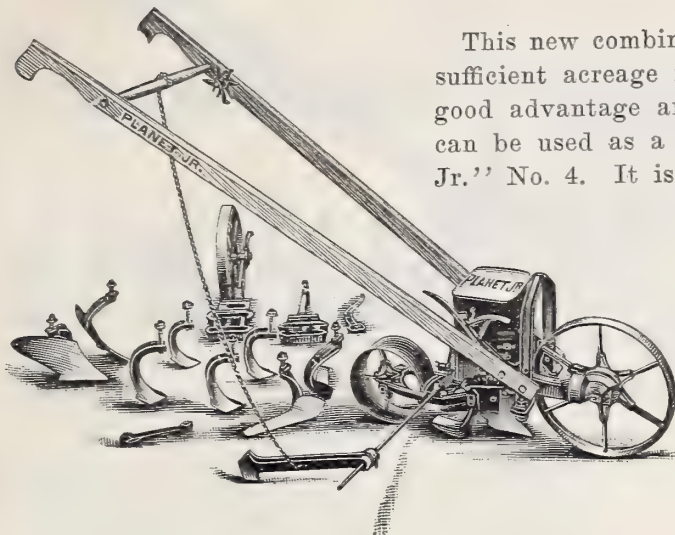
Fertilizer Attachment. This is entirely separate from every other part of the machine, making it very simple and perfect. A smooth disk forces the fertilizer out. There is no friction, no clogging, no breaking. Positive light and simple. The fertilizer does not come in contact with the corn or dropping device. A gauge wheel is added to this machine to regulate the depth, and help carry the slight additional weight.

Price, with fertilizer attachment, \$16.00; without fertilizer attachment, \$14.00.



We are Headquarters for Seed Corn.

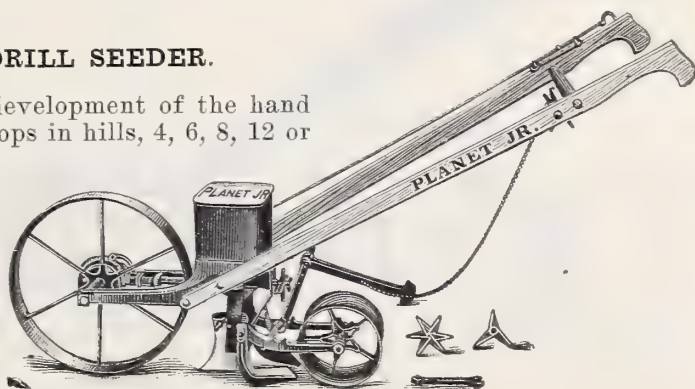
No. 25 "Planet Jr." Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.



This new combined machine is intended for gardeners who have sufficient acreage in crops for a double wheel hoe to be used to good advantage and do not want to buy separate machines. It can be used as a drill and is almost identical with the "Planet Jr." No. 4. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills. It has $11\frac{1}{4}$ in. wheels, and the hopper holds $2\frac{1}{2}$ quarts. As a wheel hoe it is identical with the "Planet Jr." No. 12 double wheel hoe, the very best machine on the market. It takes but a moment to change from drill to wheel hoe and the whole combination is one that we can heartily recommend and guarantee to be satisfactory. Price, \$14.00.

"PLANET JR." No. 3 HILL AND DRILL SEEDER.

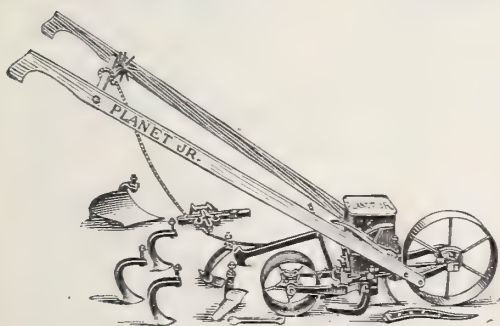
This Seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills, 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever or the flow of the seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted; it is quickly set to sow the different kinds of seeds in the exact quantity required. We guarantee this drill to be accurate and to give satisfaction. The accuracy insures a regular stand of plants with the least seed, and the price of the drill is more than made up in the saving of seed. Holds 3 qts. Price, \$11.00.



No. 5 "PLANET JR." HILL AND DRILL SEEDER.

This drill is identical in construction with the No. 3, but is larger. The hopper holds five qts. It works very light and is intended for those having a great deal of planting to do. Price, \$13.00.

"PLANET JR." No. 4 COMBINED SEED DRILL, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

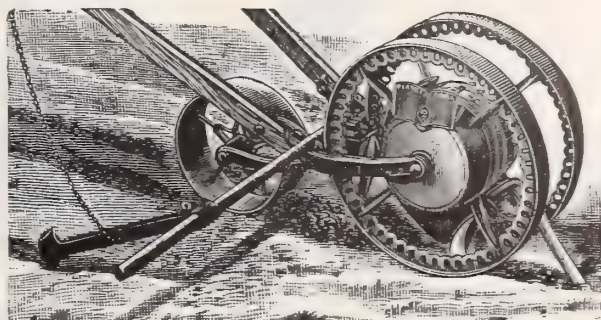


This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single wheel hoe or weeder, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart. Capacity of hopper $2\frac{1}{2}$ quarts. The drill is detached and the tool frame substituted by removing but one bolt. With this one implement the small farmer can do practically all the work in small crops. Price, complete, \$11.50. As a plain drill, \$9.50.

No. 2 "PLANET JR." DRILL SEEDER.

This machine is a style that we have been selling for a number of years, and it has always given excellent satisfaction. It sows the seed with the greatest regularity in a straight, narrow line, and at a uniform depth, regulated at pleasure by a thumbnut. It sows any kind of garden seed, has an easy, accurate adjustment of quantity sown, is simple, strong and light running. Holds 3 qts. Price, \$7.75.

Send for Special "Planet Jr." Catalogue.



"Planet Jr." No. 11 Double Wheel Hoe, Cultivator, Rake and Plow.

This implement will do the work of three men with hand hoes and do it better. The No. 11 is an invaluable tool for use in small crops. The variety of work that can be done with it is almost incredible. It has 11 in. wheels which can be set at four different distances apart. The arch is high. Furnished complete, with attachments, as shown in cut. Price, \$9.50.

No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

This tool is identical with the No. 11, except that it has no rakes and only one pair of six inch hoes. Price, \$7.35.

No. 13 "Planet Jr." Double Wheel Hoe. Has only one pair six inch hoes. Price, \$5.00.

No. 16 "PLANET JR." SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

Single wheel hoes are lighter than the double, and do almost the same variety of work. They are used principally between the rows instead of straddling them. The No. 16 is complete, with attachments as shown in cut. It can be adjusted for different width rows. Price, \$6.00.

No. 17 Single Wheel Hoe. Like the No. 16, but without rakes and leaf guard. Price, \$5.25.

No. 17½ Single Wheel Hoe. Has one pair of hoes and three cultivator teeth. Price, \$4.75.

No. 18 Single Wheel Hoe. The same as the No. 16, but is equipped with one pair hoes and no other attachments.

Price, \$3.75.

FIRE-FLY GARDEN PLOW.

Very useful in small gardens and poultry yards. Depth can be adjusted. Price, \$2.50.

"PLANET JR." GRASS EDGER.

Excellent for edging open borders, drives and flower-beds.

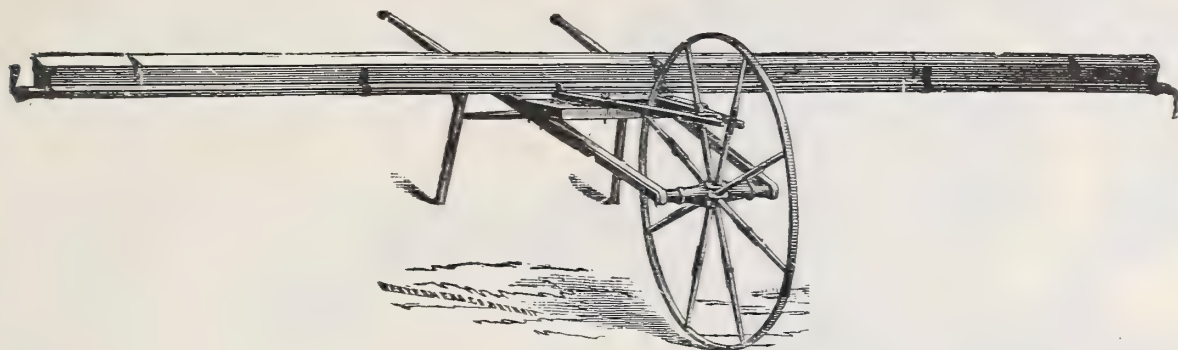
Operates at speed of mile an hour. Good for cutting strawberry runners. Price, \$6.25.

"PLANET JR." No. 1 COMBINED DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.

This tool is used the world over and, excepting our Hill and Drill Seeders, is the most perfect drill known. The hopper holds three pints, and sows in an even, regular stream, whether there is much or little seed in the hopper. The machine is extremely simple, has no agitator, belts or gearing, and will not injure any seed. From a drill it is changed to its other uses by removing two bolts, when hoes, cultivator teeth or plow can be quickly attached. It is a practical, everyday time and labor saver, a grand remedy for the backache, and the best low-priced combined machine on the market. Price, \$10.00.

"Planet Jr." Tools are Renowned the World Over.

Thompson's Clover and Grass Seeder

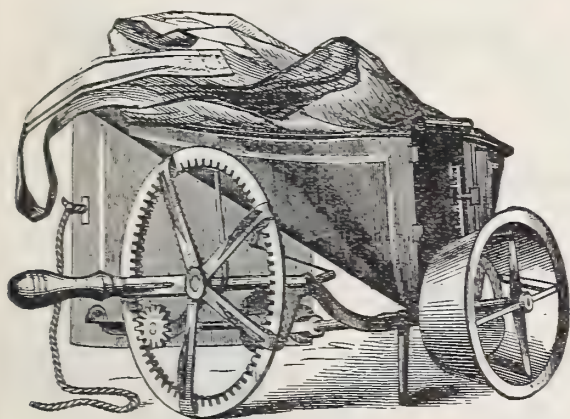


This is one of the best seeders. Manila rope feed. Is light and strong, very simple and does very accurate work. The Thompson Seeder has been on the market a long time, and is very popular. The Thompson is a wheelbarrow seeder. No. 1. 14 ft. Seeder, for clover and timothy, \$6.50; No. 2, 14 ft., with double hopper to sow blue and orchard grasses, as well as clover and timothy, \$8.50.

CAHOON'S BROADCAST SEEDER.

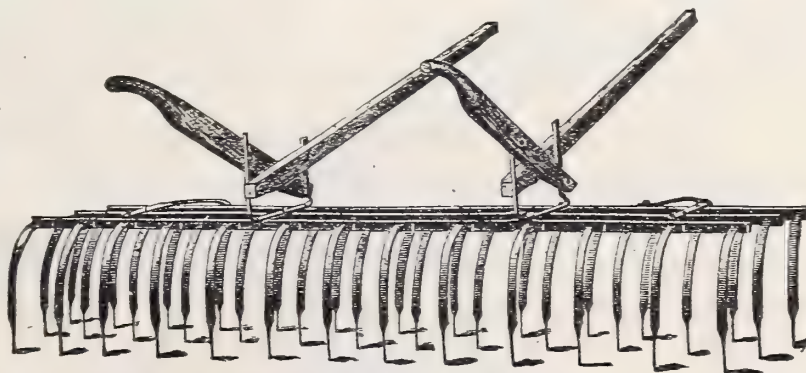
For sowing wheat, oats, hemp, barley, rye, buckwheat, grass seeds, rice, etc. Sows from four to eight acres per hour at an ordinary walking gait; sows wheat about forty feet wide. Accurate. Will give perfect satisfaction and save its cost in a very short time. Price, \$3.25.

When buying Field Seeds, be sure and buy the best. We make it a point to sell the best, which are the cheapest in the long run.

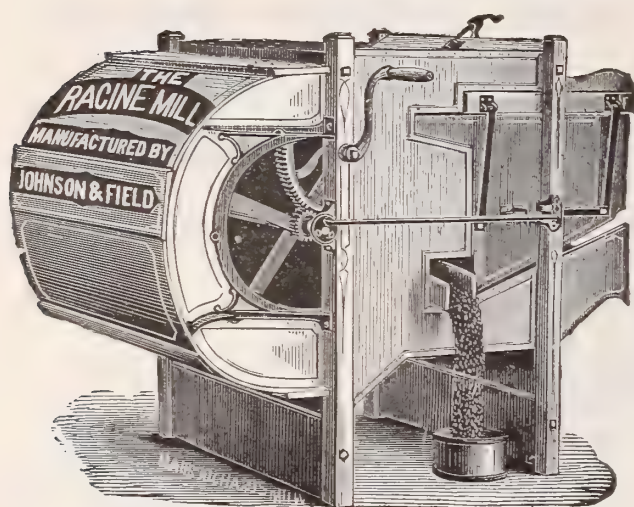


THE HALLOCK QUADRUPLE WEEDER AND CULTIVATOR.

This is a tool which has rapidly grown in favor, and excellent results are obtained from its use. The frame is of angle iron. The teeth are six inches apart on each frame and each tooth is bolted on separately. The handles and shafts are adjustable. The teeth are arranged so as to work the ground thoroughly, and also in a manner that permits trash to pass through. By removing one tooth a space of 4 inches can be obtained over the row, and by removing two teeth a space of 6 inches can be obtained. On account of this feature the weeder can be used for working narrow rows by taking out the proper number of teeth. This tool has been adopted and passed upon favorably by many of the most practical farmers. Price, \$12.00.



The Racine Grain Fan.



Equal, in fact superior; to any other now in use for cleaning and separating all kinds of grain. So arranged that the wind strikes the hurdle in a manner to blow all foul stuff and light grain over the hurdle. No. 1 grain is delivered by side spout and No. 2 grain at front of mill. The construction is the very best, the object being to build a first-class grain fan rather than a cheap one. Each mill is furnished with one wheat hurdle, with top sieve of zinc, one wheat screen and grader, with side spout, one barley sieve and one oat or corn sieve. Other sieves and attachments are extra. Capacity 60 to 90 bushels per hour for cleaning. Price, \$20.00.

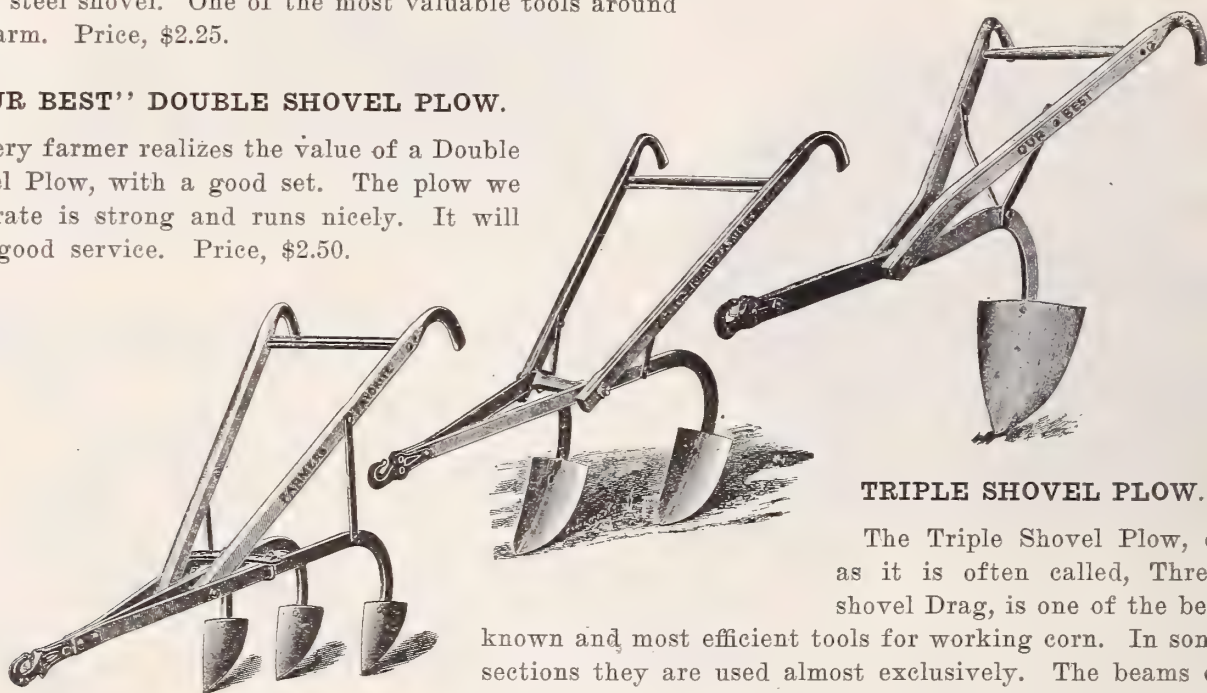
CIRCULAR AND PRICES OF LARGER MILLS ON APPLICATION.

"OUR BEST" SINGLE SHOVEL PLOW.

The design of this plow is readily understood from the cut. It has a heavy steel beam of good quality and a broad steel shovel. One of the most valuable tools around the farm. Price, \$2.25.

"OUR BEST" DOUBLE SHOVEL PLOW.

Every farmer realizes the value of a Double Shovel Plow, with a good set. The plow we illustrate is strong and runs nicely. It will give good service. Price, \$2.50.



TRIPLE SHOVEL PLOW.

The Triple Shovel Plow, or as it is often called, Three-shovel Drag, is one of the best known and most efficient tools for working corn. In some sections they are used almost exclusively. The beams of our Triple Shovel Plow are of a good grade of steel, and heavy enough to stand severe work. The shovels are of good quality, and, on the whole, the tool will give great satisfaction and long service. Price, \$2.75.

SHOVEL PLOW STEELS AND EXTRAS.

14 in. blade for Single Shovel Plows.....75c.
16 in. blade for Single Shovel Plows.....85c.
7 in. blade for Dbl. Shovel Plows, per pr...50c.
8 in. blade for Dbl. Shovel Plows, per pr...65c.
Bull Tongues for Dbl. Shovel Plows, per pr...45c.
Triple Shovel Blades, per set of 3 blades....50c.

Clod Fenders for Dbl. Shovel Plows, each...35c.
Shovel Plow Handles, per pair, complete...75c.
Bolts for Shovel Plow Blades, each.....3c.

PLAIN PLOW HANDLES. (Dressed.)

1½x2 in., 5 ft. long, per pair...30c.
1¼x2¼ in., 5 ft. long, per pair...35c.

Prices Subject to Change Without Notice.

No. 8 "Planet Jr." Horse Hoe and Cultivator.

This is the best and most perfect tool of its kind ever offered. Frame is of stiff steel, extra long, and one or two inches higher than other makes. Closes to 9 and opens to 25 inches. Provided with patent depth regulator, lever wheel and improved lever expanding device which combines great strength with stiffness and simplicity. This tool is the result of thorough knowledge of both farming and manufacture. (Fig. 1.)

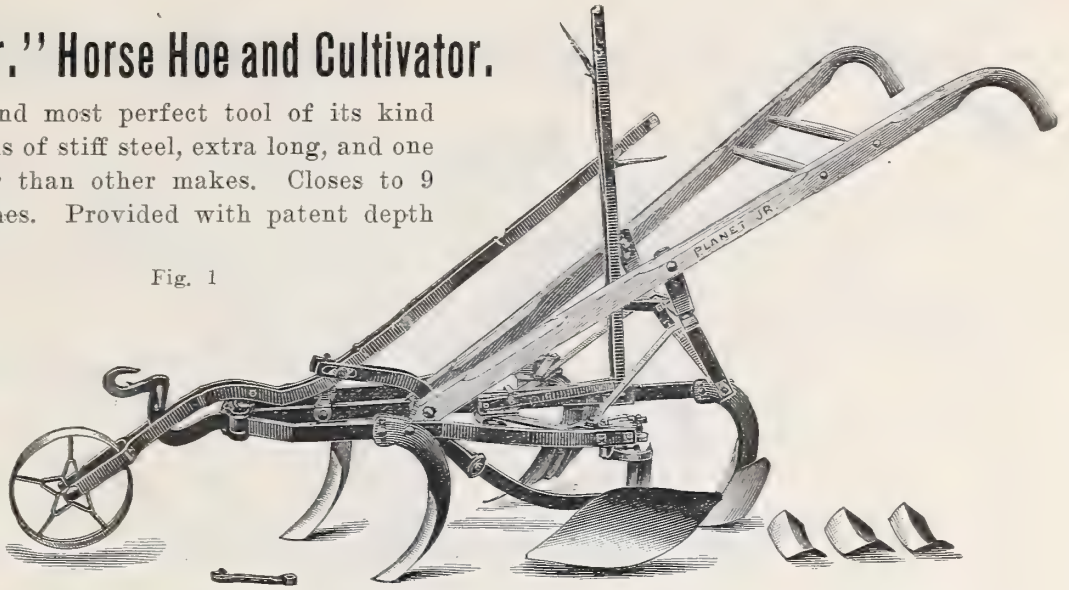


Fig. 1

No. 7 "Planet Jr." Horse Hoe and Cultivator. This tool is the No. 8 without the depth regulator. It works the same as No. 8, but lacks the perfect steadiness and control of depth made possible by the depth regulator.

No. 9 "Planet Jr." Horse Hoe and Cultivator. Identical with the No. 8, except that it has no depth regulator, and plain wheel instead of lever wheel.

"PLANET JR." TOOLS ARE NOT THE LOWEST PRICED, BUT ARE ABSOLUTELY THE BEST—THEREFORE THE CHEAPEST.

Price List.

No. 8—Horse Hoe & Cultivator, complete.....	\$9.50
No. 7—Horse Hoe & Cultivator.....	9.00
No. 9—Horse Hoe & Cultivator, with wheel...	8.00
No. 9—Horse Hoe & Cultivator, without wheel...	7.25
No. 4—Horse Hoe & Cultivator, with wheel...	7.00
No. 4—Horse Hoe & Cultivator, without wheel...	6.25
No. 9—Cultivator, with wheel.....	6.75
No. 9—Cultivator, without wheel.....	6.00
No. 4—Cultivator, with wheel.....	5.50
No. 4—Cultivator, without wheel.....	4.75

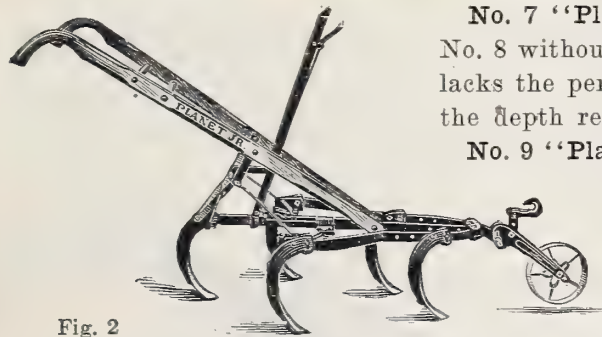


Fig. 2

No. 9 Plain Cultivator. (Fig. 2.) This tool is shown by the above cut. It is light and very strong, every feature about it is the very best and latest. It can be used with or without the wheel.

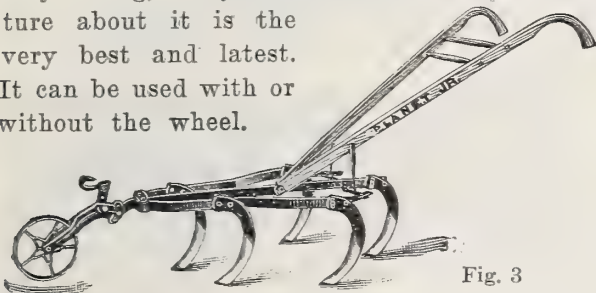


Fig. 3

No. 4 Plain Cultivator. This popular tool, as illustrated (Fig. 3), has been stiffened and improved by new patent braces and expanders. Furnished either with or without wheel. This is an excellent cultivator.

No. 4 "Planet Jr." Horse Hoe. (Fig. 4.) This tool is low in price, strong and simple; provided with patent handle braces, firm, simple, strong, convenient. With these, the frame and handles seem almost like one solid piece. Changes in width are very quickly and easily made by the patent expanders, and one side may be opened wide, and the other closed. Furnished with or without wheel.

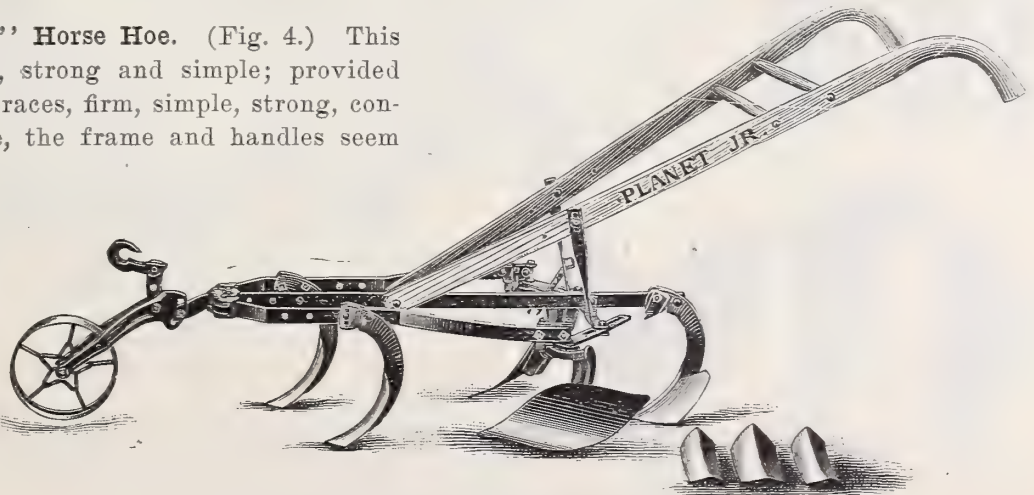
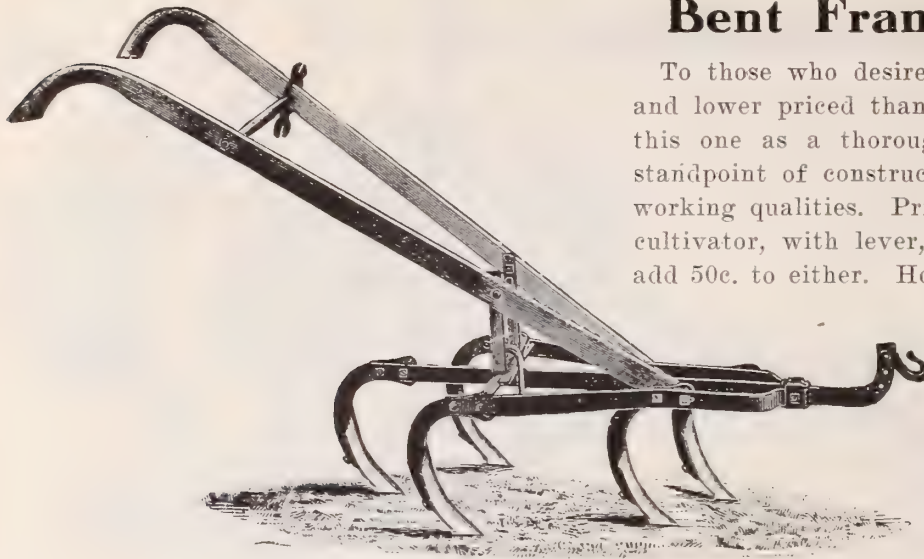


Fig. 4

Bent Frame Cultivator.

To those who desire a cultivator a little lighter and lower priced than the "Planet Jr.," we offer this one as a thoroughly reliable tool, from the standpoint of construction and material as well as working qualities. Price of plain cultivator, \$3.00; cultivator, with lever, \$3.50. If wheel is wanted, add 50c. to either. Horse hoe attachments, \$1.10.

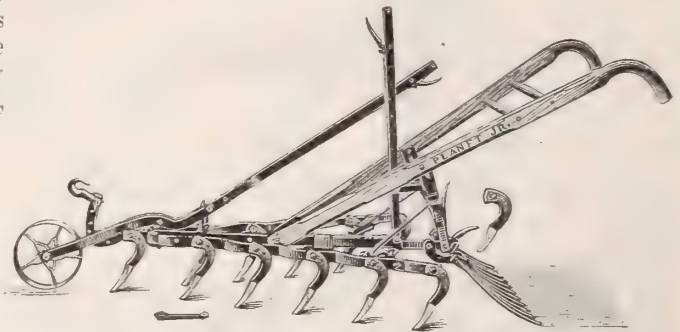


SUPERIOR CULTIVATOR

Similar to the above, but lighter; a good tool for light soil. Very popular with our trade. Price, \$2.50

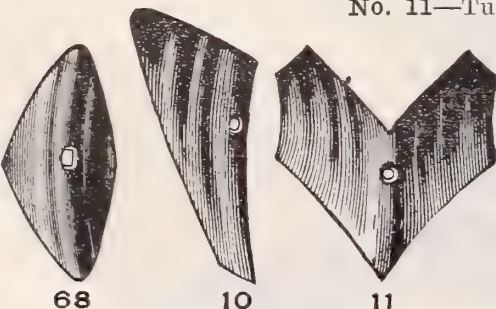
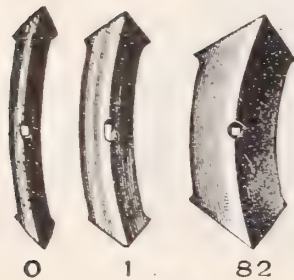
"PLANET JR." TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER.

This tool has rapidly grown in favor among strawberry growers, market gardeners, truckers and farmers. This is because the twelve chisel-shaped teeth do such thorough work, and at the same time do not throw the earth on small plants, and because the tool is so convenient, durable and strong. With this tool you can do such a fine grade of work, and such a variety, that it is really a very valuable tool, and it will be to the interests of farmers to send for catalogue fully describing it. Price complete, \$9.50; with wheel, \$7.75; plain, \$6.50.



14-TOOTH COMBINED HARROW AND CULTIVATOR.

This is a very useful tool, which can be made to do a variety of work. The teeth are set in different positions. Desirable for first cultivation. Price, plain, \$3.25; with lever, \$3.75.



CULTIVATOR POINTS AND EXTRAS.

- No. 0—1¼ in. wide, each. 6c.
 No. 1—2 in. wide, each. 6½c.
 No. 82—3 in. wide, each. 7c.
 No. 68—Oval or Jersey,
 each 7½c.
 No. 10—Turn Shovels, either
 R. or L. hand, each 15c.
 No. 11—Turn Shovels, 6 in., 15c.

- Horse Hoe Steels, per pair..35c.
 Levelers for Cultivators. ...85c.
 Wheels for Cultivators.....60c.
 Cultivator Plate Bolts..... 3c.
 Cultivator Frame Bolts..... 3c.
 Cultivator Handles, per pair.75c.
 Teeth for Combined Harrow. 7c.

GENUINE "PLANET JR." EXTRAS.

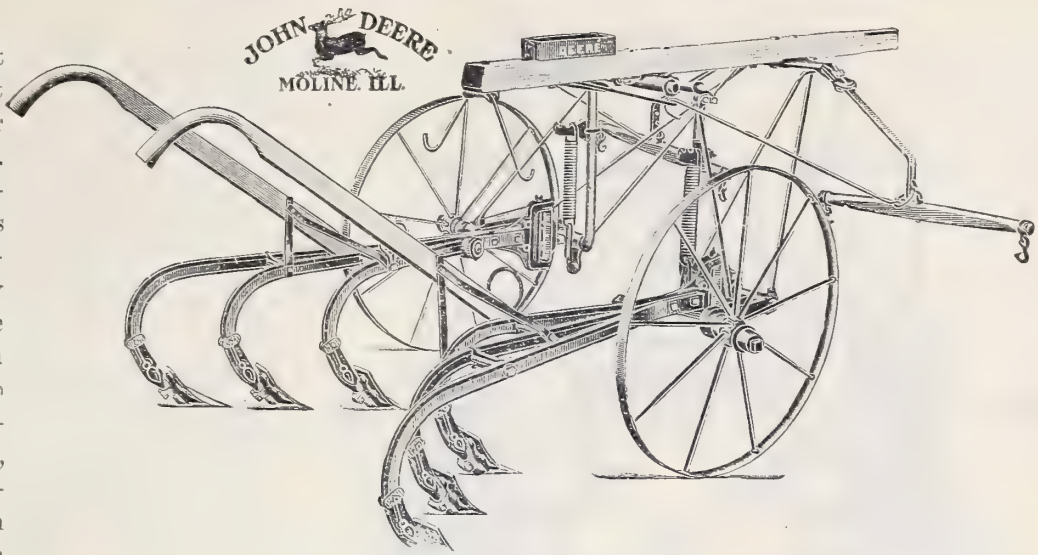
- | | |
|------------------------------|-----------------------------|
| 1¼x8 in. steel..... 9c. | 1¼x10 in. steels.....13c. |
| 1¾x8 in. "10c. | 1¾x10 in. "14c. |
| 2¼x8 in. "11c. | 2¼x10 in. "17c. |
| 3 x8 in. "12c. | 3 x10 in. "19c. |
| 4 x8 in. "13c. | 4 x10 in. "22c. |
| Horse Hoe Steels, each, 60c. | 15 in. Furrower.....\$1.20 |
| Hind Shovels, 7 in., ea.30c. | Cultivator Roller..... 2.00 |

Prices Subject to Change Without Notice.

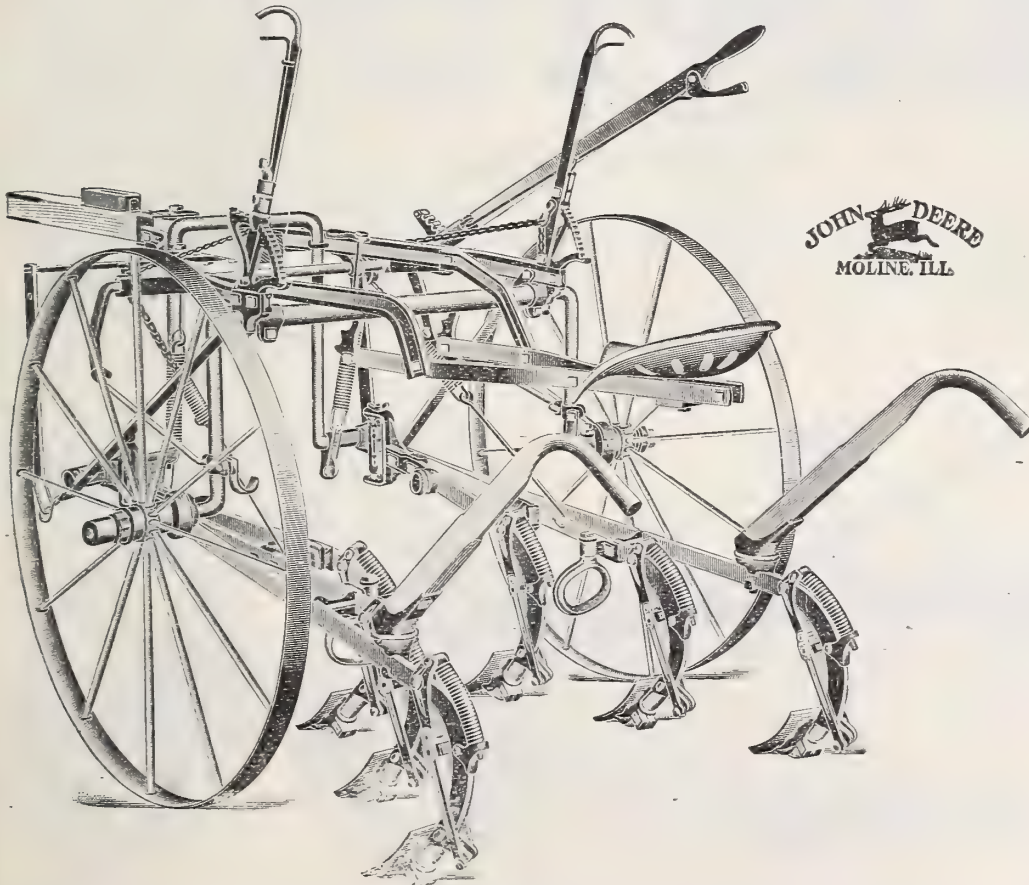
New Deere Balance Tongue Cultivator

This is, without doubt, the simplest walking cultivator ever constructed. This is a recommendation for its mechanical perfection, for it is only long experience that enables a manufacturer to eliminate all superfluous features, and get the construction of an implement down to the bare essentials, and yet put it into workmanlike form of great efficiency.

If you want a complete, satisfactory, durable, light-weight Walking Cultivator, on which the pole will not fly up in the air when the rigs are hung up, and that any 14-year-old boy can handle, the Deere Balance Tongue will fit your wants. Steel beam, 6 shovel, price, \$20.00; with spring hoe, \$22.00.



NEW ELK JUNIOR No. 2 RIDING CULTIVATOR



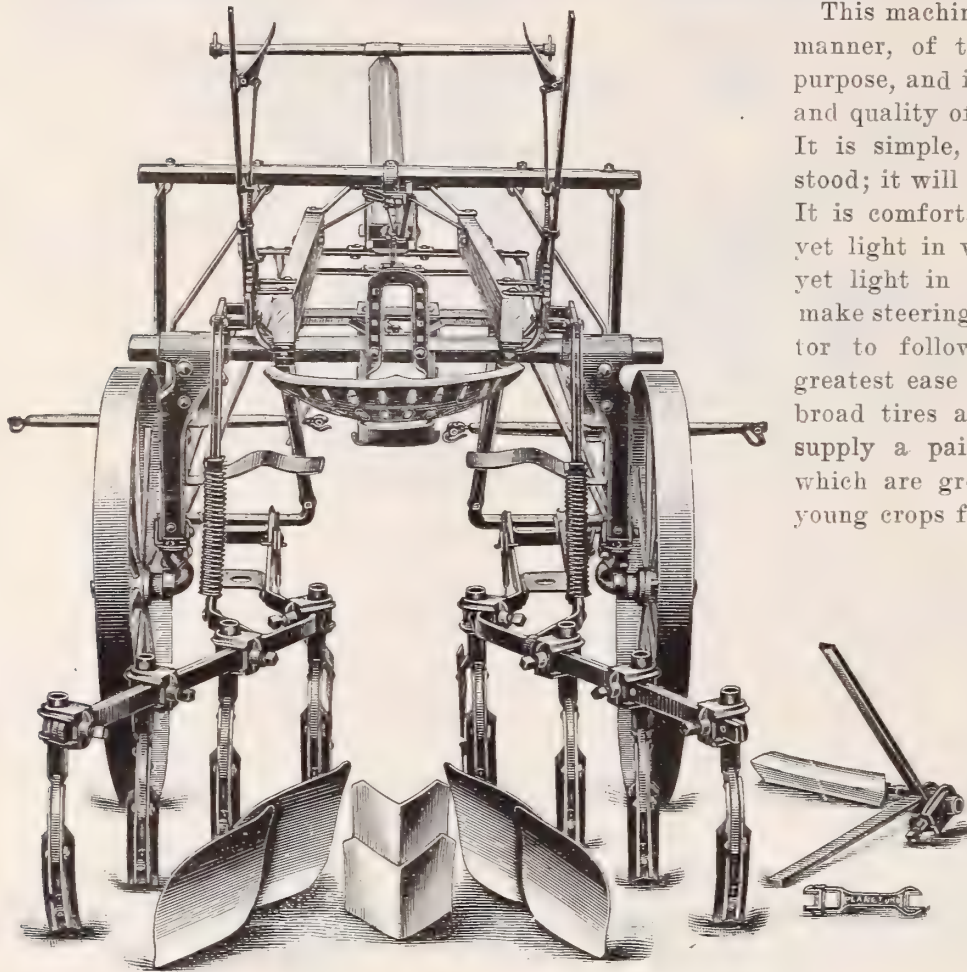
This machine is built on the same lines as the New Elk, but has some features peculiar to itself. For instance, the crank shifts, the feet of the operator rests upon stirrups in front of the seat, in the most convenient and comfortable position.

The adjustment of the spread arch is unique, constructed with a ratchet to change the spread, without getting off the seat. It has the easiest working device ever placed on a riding cultivator for working the rigs, as it re-

sponds to the slightest pressure. Oil-tight, dust-proof boxes are used in the wheels. Six shovel, spring hoe, as illustrated, \$32.00; pin hoe, \$30.00.

Prices Subject to Change.

"PLANET JR." PIVOT WHEEL CULTIVATOR.



This machine is built in the very best manner, of the best material for the purpose, and is unequaled in the variety and quality of the work it will perform. It is simple, strong and easily understood; it will not get out of order easily. It is comfortable to ride upon; strong, yet light in weight; thorough at work, yet light in draft. The Pivot Wheels make steering easy and enable the operator to follow uneven rows with the greatest ease possible. The wheels have broad tires and renewable boxes. We supply a pair of special finger teeth, which are great favorites for working young crops for first time. It is adjust-

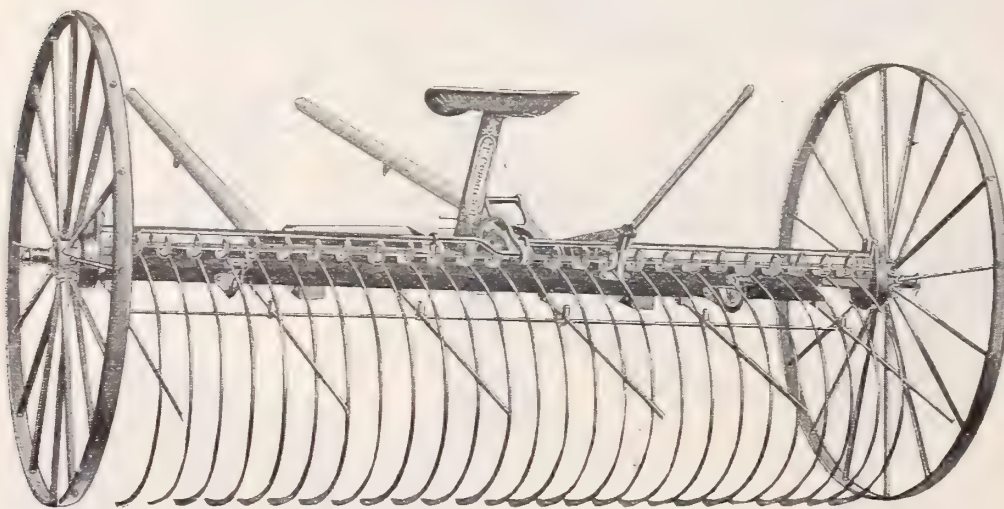
able in width, the wheels close to 32 and open to 40 in., and the tool cultivates all rows from 28 in. to 4 ft. apart. We will be glad to mail, on application, illustrated catalogue of "Planet Jr." line of cultivators..

Price of Pivot Wheel Cultivator, \$40.00.

MCCORMICK HAY RAKES.

The McCormick Hay Rakes are simple in design, strong in construction and practical in the field. They are made in both self-dump and hand-dump styles, and the best material is used in their manufacture. Staggered spoke wheels, with heavy 2 in. channel steel tires; hubs fitted with removable

boxes that can be replaced at a trifling cost. Teeth are made of the best quality spring steel; the points of the teeth are so shaped that they will get all of the hay without digging into the ground. The head is of high carbon angle steel so trussed that it will not sag. Equipped with combined pole and shafts.



8 ft. Self-Dump Rake, 20 teeth.....\$22.00
9 ft. Self Dump Rake, 24 teeth..... 24.00
Extra Teeth for Tiger Rake.....each, 30c.

10 ft. Self Dump Rake, 26 teeth.....\$26.00
8 ft Hand-Dump Rake, 20 teeth..... 18.00
Extra Teeth for McCormick Rake.....each, 30c.

Send for Special Circulars of Hay Rakes.

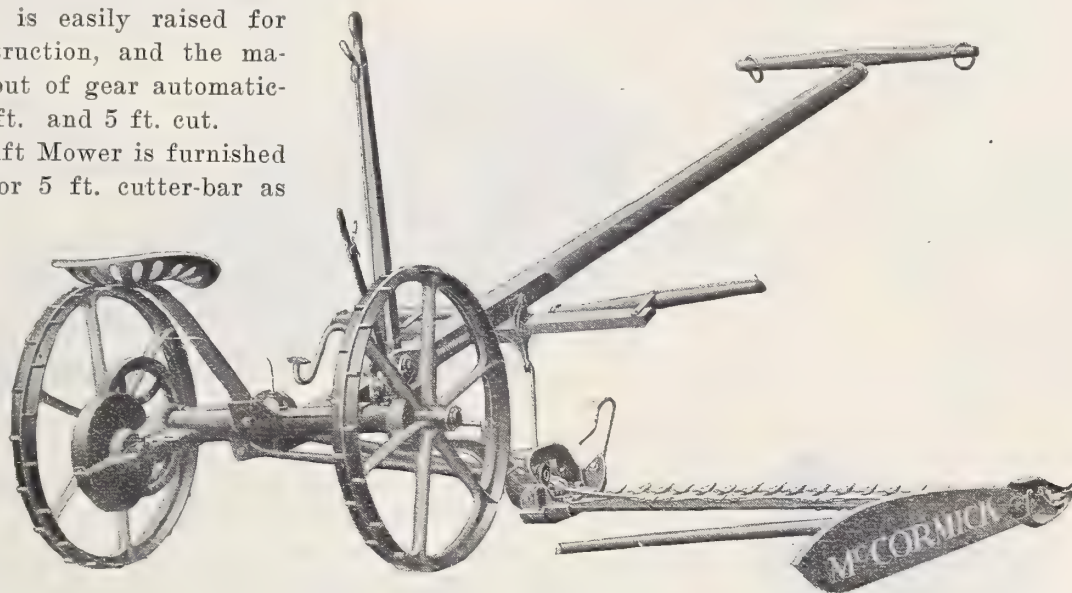
McCormick Vertical Lift Mower.

The McCormick Vertical Lift Mower is specially designed for cutting on rough and stumpy lands. It is equipped with practical and efficient devices for raising and lowering the cutter-bar when passing any obstruction the machine being thrown in and out of gear automatically, without stopping the team. The operator is thus enabled to cut close up to a tree, stump or rock, and save both the hay and valuable time that would be lost in trying to operate an ordinary machine in a field where there are stumps or other obstructions. This machine is also splendidly adapted for general use, and works equally well over smooth and even ground, the construction of the machine combining all the essential features of the most improved mower. It is, therefore, everywhere known and used as an all-purpose mowing machine, for it is designed both for general cutting and for rough and stumpy lands.

The cutter-bar is easily raised for passing any obstruction, and the machine is thrown out of gear automatically. Sizes: 4½ ft. and 5 ft. cut.

The Vertical Lift Mower is furnished with either 4½ or 5 ft. cutter-bar as the purchaser selects. We call

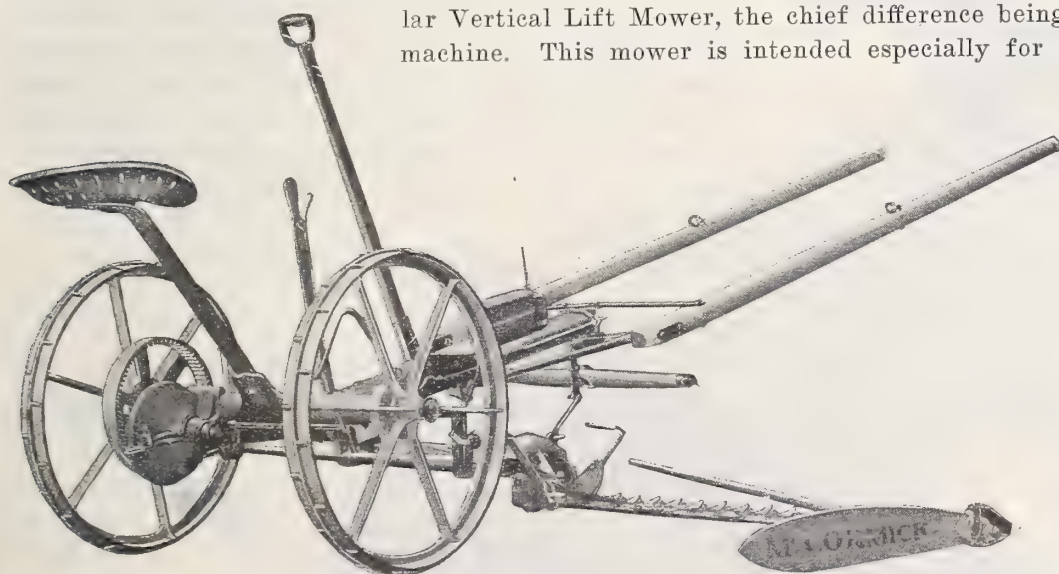
particular attention to the Vertical Lift feature, which enables the operator to throw the bar to an upright position without leaving the seat and with one hand. Send for special catalogue, giving detailed description of the Old Reliable McCormick. Write for prices.



McCORMICK LITTLE VERTICAL MOWER.

The McCormick Little Vertical Mower in both design and construction is very similar to the regular Vertical Lift Mower, the chief difference being in the size of the machine. This mower is intended especially for small farms, lawns

and parks, orchards and cemeteries. Where a small amount of grass is grown it will answer the purpose of a larger machine.



WRITE FOR
PRICES.

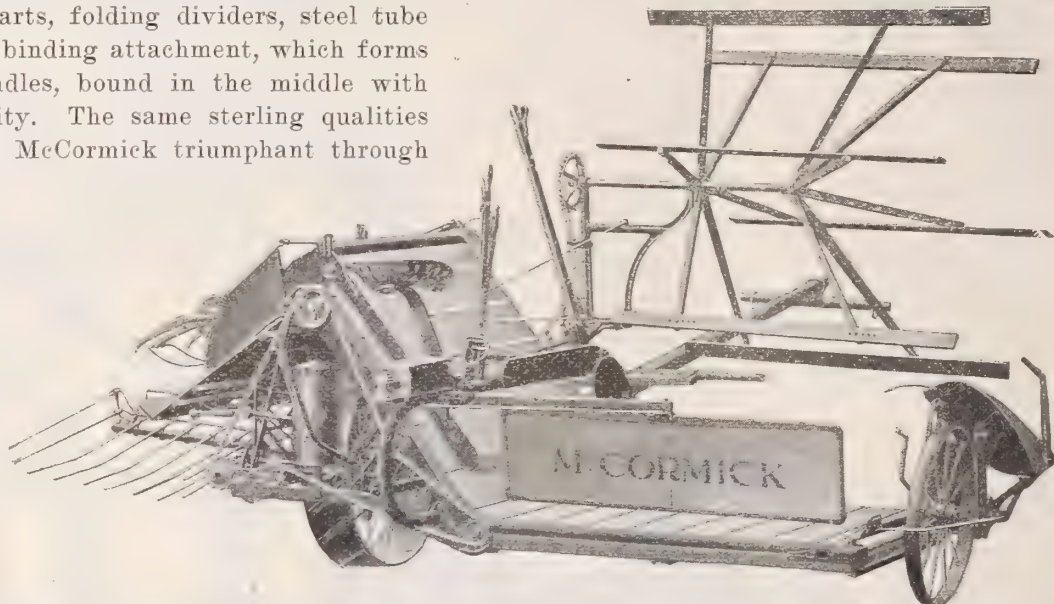
McCormick Mowers, both one and two horse, have long been regarded as the best grass cutting machines on the market. They have many characteristics which readily recommend them to the practical buyer. Send for McCormick special catalogue, which clearly describes the many valuable features.

Repairs for McCormick Machines Furnished At Once, from Stock.

McCormick Light-Draft Binder.

The new McCormick Binder represents the highest attainment in the manufacture of harvesting machines. It is correctly designed, substantially built, and will do the work the way the farmer likes to see it done. The machine is of light draft and easy to operate, easy for the driver and easy for the team. Among the splendid features of the new McCormick Binder may be mentioned the following: strong gears, simple knotter, adjustable deck and windboard, main chain tightener, hardened needle parts, folding dividers, steel tube yoke and splendid binding attachment, which forms evenly butted bundles, bound in the middle with unvarying regularity. The same sterling qualities that have brought McCormick triumphant through seventy-five harvests will bring success to the new McCormick in the harvest of 1908. Send for special McCormick catalogue, which gives detailed description.

Prices quoted on application.

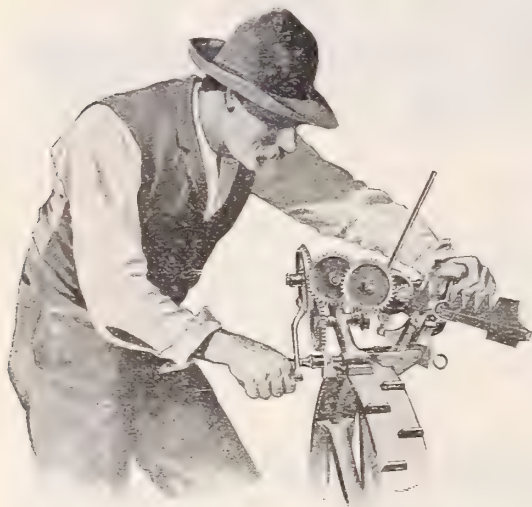


McCORMICK KNIFE AND TOOL GRINDER.

The McCormick Knife Grinder enables the operator to sharpen his knives in considerably less time than is possible with the ordinary grindstone. As the grinder can be readily attached to the mower wheel, it is convenient for use in the field. If desired we can furnish a cylindrical stone for grinding tools and a special stone for gumming saws. Price, with one stone, \$4.00.

McCORMICK BINDER TWINE.

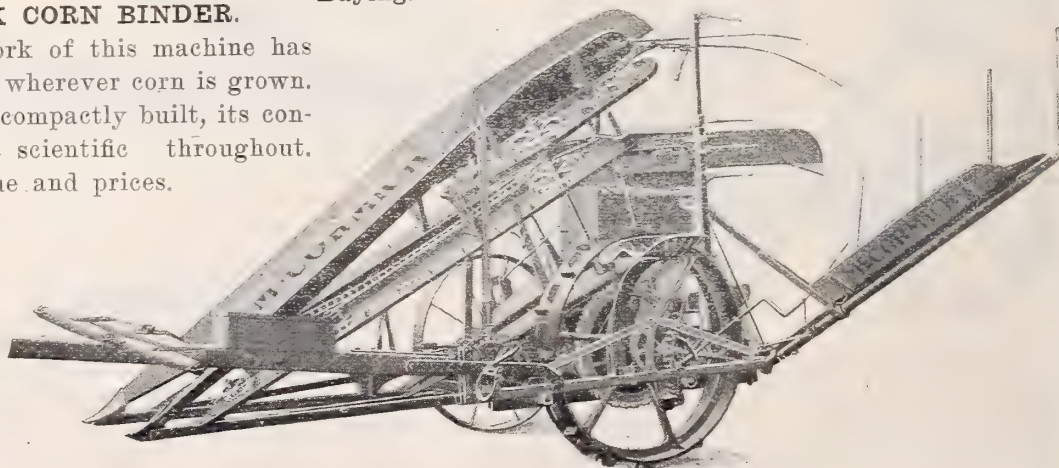
The pronounced excellence of McCormick Twine is largely due to exceptional facilities for securing the best grades of both Manila and Sisal Fiber. McCormick Twine is the best that can be produced; spun evenly, full length and strength. Five brands: Sisal, Standard, Standard Manila, Manila and Pure Manila. Write for Prices Before Buying.



McCORMICK CORN BINDER.

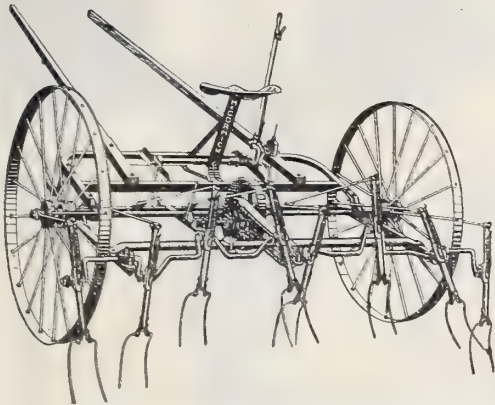
The splendid work of this machine has made it a favorite wherever corn is grown. It is strongly and compactly built, its construction being scientific throughout. Write for catalogue and prices.

PRICES ON
McCORMICK
MACHINES
QUOTED ON
APPLICATION.



The Name "McCORMICK" Guarantees the Machine.

McCormick Hay Tedder.



Each year the hay tedder is coming into more general use, and in many localities it is now considered to be an indispensable machine. It enables the farmer to handle his hay crop quickly, for hay can be tedded soon after it is cut, and tedded hay does not require much time to be thoroughly cured.

The McCormick Hay Tedder is substantially constructed throughout. The frame, wheels and forks are made of steel. The fork arms are attached to the crank shaft, which is driven by gear wheels mounted on the center of the axle. Consequently all the forks are given the full driving force of both wheels, and hence the motion of the forks is not

only uniform, but so direct and positive that the action of the fork arms is not retarded when working in the heaviest hay. Each fork arm is provided with a coil spring, which takes up the impact of the forks and protects the frame from the jars caused by the motion of the forks. This machine not only saves time, but it also enables the farmer to materially improve the quality of his hay.

No. 3—6 feet wide, 6 forks.....	\$40.00
No. 4—8 feet wide, 8 forks.....	45.00

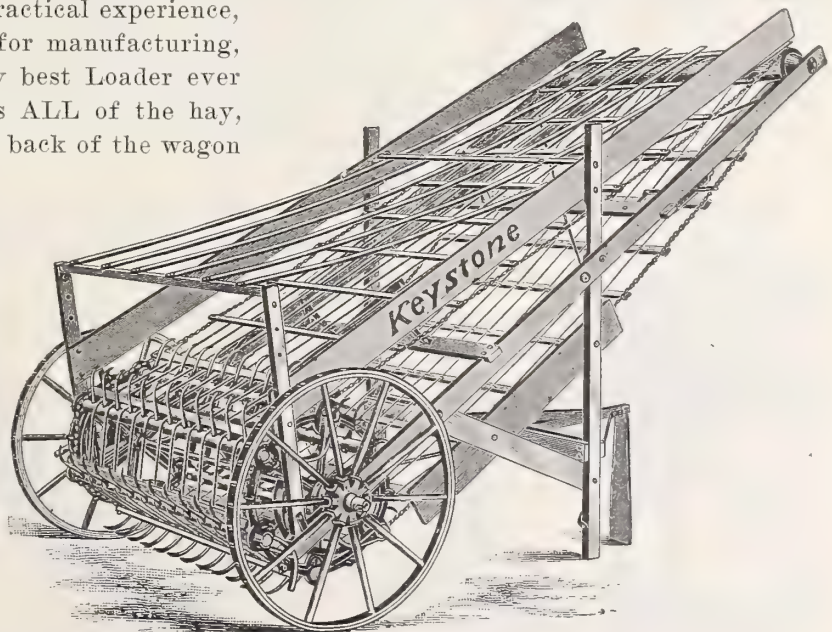
Equipped with combined pole and shafts.

KEYSTONE SIDE DELIVERY HAY RAKE.

This is a tedder and a rake combined in one, and it is a great success. It will handle all sorts of hay, from the lightest to the heaviest. Send for descriptive circular—it will interest you.

THE KEYSTONE WINDROW HAY LOADER.

Twenty years of close study and practical experience, combined with unequaled facilities for manufacturing, make the Keystone Loader the very best Loader ever offered. The Keystone Loader loads ALL of the hay, ALL the time. Simply hook it to the back of the wagon drive along; it will load faster than two men on the wagon can take care of it. It will work as slowly as desired. The Keystone is positively the only loader which will handle clover, alfalfa, pea-vine hay, or beans without injuring the crop in the slightest. Farmers should investigate the merits of this machine, as it is a time, labor and money saver. Send for illustrated catalogue, giving detailed description. Price, \$70.00.



We Solicit Correspondence.

THE MYERS HAY UNLOADER, TRACK, FORKS AND FIXTURES.

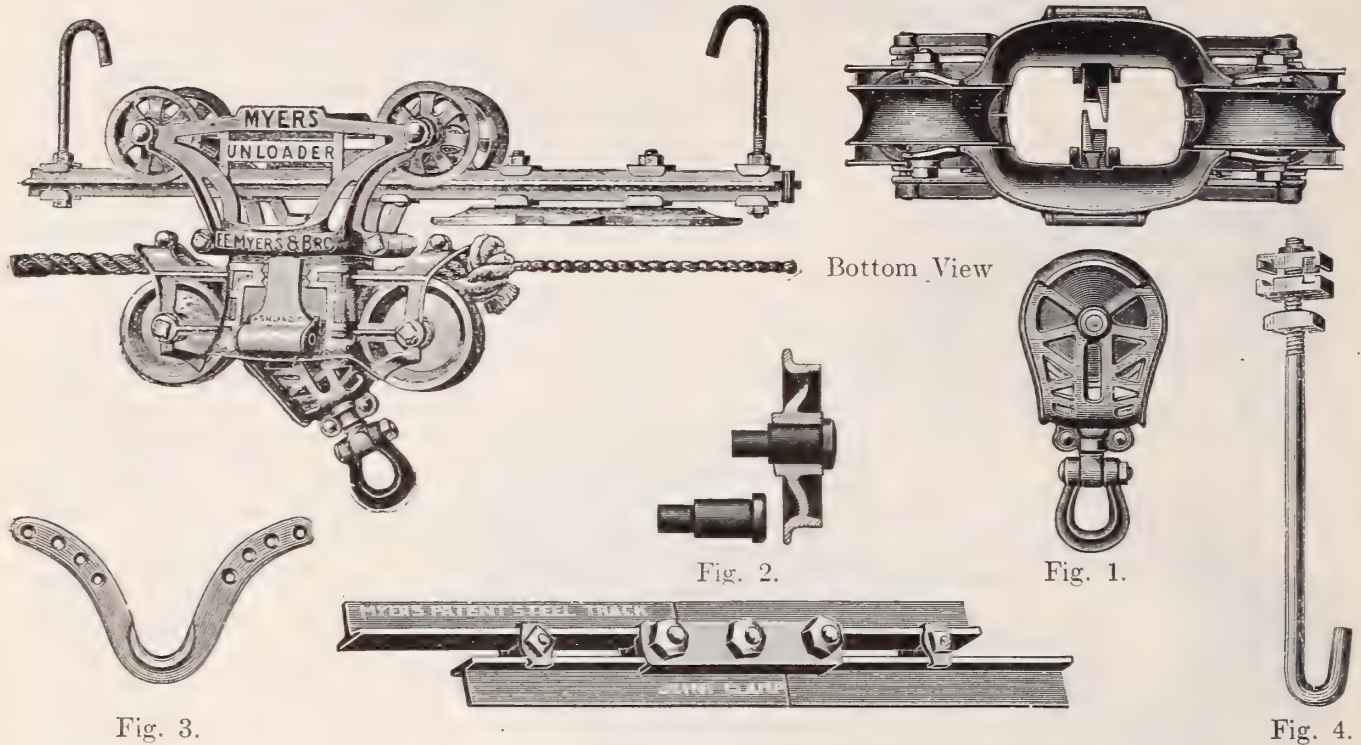


Fig. 3.

Fig. 2.

Fig. 1.

Fig. 4.

We give the above two views of Myers Hay Unloader to be used on Myers double angle steel track. This is the latest and best hay carrier, and it embodies all the features of the Straight Reversible and Swivel Reversible Carrier, and has many advantages over any other machine on the market. It is fitted with the Myers reliable double lock, which engages the fork pulley on each side, thus insuring a perfect locking device. One of the most important features of this carrier is the wide open mouth, which permits the fork pulley to enter when swinging at any angle. This feature can be readily understood by referring to the illustrations above, and noting the shape of fork pulley (Fig. 1). This construction insures a satisfactory working carrier under all conditions.

The Track Wheels (Fig. 2) have turned steel axles, and weight is carried in center of wheel; the rope sheaves are fitted with wide hub and have longer bearings than any other make of carrier. For strength, simplicity, neatness of design and up-to-date features it is without a peer. We also offer the Myers Unloader for Wood Track; the Wood Track Unloader possesses all the good features of the Steel Track Unloader. Price of Unloader, for either wood or steel track, \$4.25.

Myers Patent Steel Track. The style of this track is illustrated above. It is made of two T carbon rails, very hard and stiff. Note the manner of clamping it together so that the two joints do not come opposite each other. A wrench only is needed to put this track together. Price, per ft., 12½c.

Myers Lock Lever Fork. (Fig. 6.) Has 50 per cent. more capacity than the regular Double Harpoon Fork on account of the crossbar being nearer the top. Operated with one lever. Price, \$1.75.

Regular Double Harpoon Fork. (Fig. 5.) The best known fork. Price, \$1.00. Genuine Nellis Single Harpoon Fork, price, \$2.00.



Fig. 7.

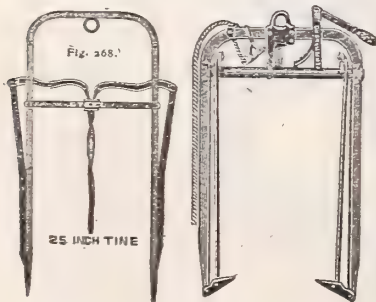


Fig. 5.

Fig. 6.

PRICES OF PULLEYS, HOOKS, ETC.

Malleable Rafter Bracket (Fig. 3)	6c. each
Hanging Hooks (Fig. 4)	8c. "
Floor Hooks, ¾ in.	8c. "
Plain Maple Sheave Pulley (Fig. 8)	20c. "
Knot-Passing Maple Sheave Pulley (Fig. 7)	30c. "
Rafter Nails, per pound	6c.
Manila Rope, either ¾ or 7/8 in. diameter, at market prices; usually about 16c. per lb.; about 6 ft. to the lb.	



Fig. 8.

Special Estimates on Complete Outfits Cheerfully Furnished.

Myers Patent Rope Hitch.

No more hard knots to untie, nor rope wasted by cutting knot open. Rope can be released from whiffle tree instantly; hitch can be shortened by drawing on end of rope. Twist in rope is offset by swivel. Price, 20c.



MYERS SNATCH BLOCK.

This device shortens the distance the horse travels, without reducing the elevating power. Price, 75c.

Send for Special Catalogue of Myers Hay Carrier Supplies.

MYERS SNATCH BLOCK.

THE "STAYON" FLEXIBLE BARN DOOR HANGER.

Pushes and pulls easily. It is impossible to throw it off the track, which entitles it to the name, "Stayon." Held on track by lug A, (Fig. 10). Wheels have Steel Roller Bearings (Fig. 12). Attached to door by steel strap, clamped over top and bolted through (Fig. 13). The flexible feature illustrated by Fig. 10 is most valuable. "Stayon" Hangers, per pair, \$1.00; Track, 6½c. per foot; Stay Rollers, for use at the bottom of doors, 30c. per pair.

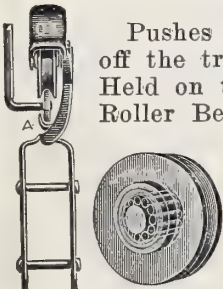


Fig. 13. Fig. 12.

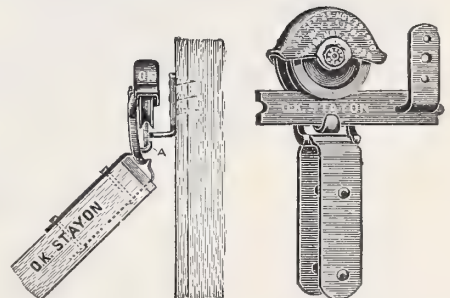


Fig. 10.

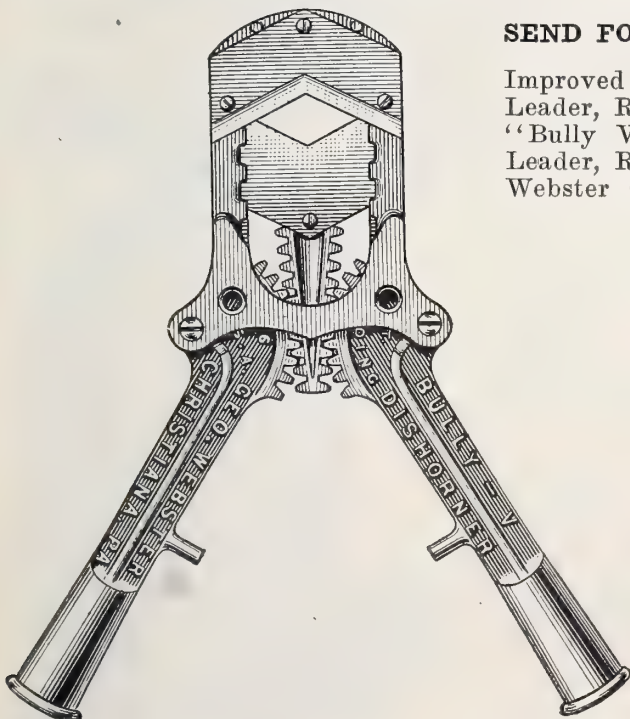
Fig. 11.

IMPROVED CONVEX AND BULLY V DISHORNERS.

We consider the Improved Convex Dishorner the easiest working and most humane dishorner on the market, and the most simple. Knife is finest steel. Bully V Dishorner is absolutely the best V knife dishorner. Note the tapered rack. Well proportioned, strong, light, easily operated.

SEND FOR CATALOGUE GIVING FULL PARTICULARS.

Improved Convex Dishorner.....	\$7.50
Leader, Rope and extra Blade, additional.....	1.00
"Bully V" Dishorner.....	8.00
Leader, Rope and extra Blades, additional.....	2.00
Webster Calf Dishorner.....	3.00



Hoisting Single Tree

(Fig. 14). A very convenient article, it prevents the single tree from dragging on the horses' heels. Price, each, \$1.25.

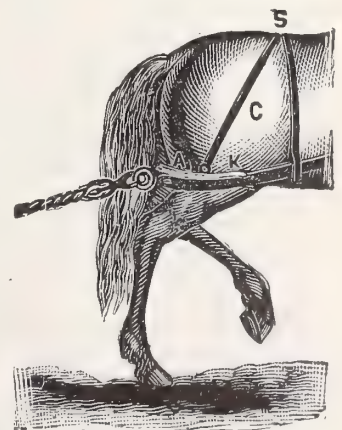
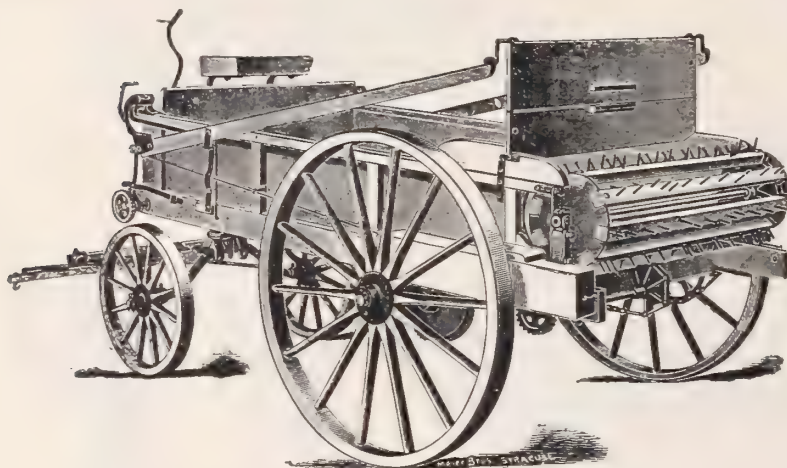


Fig. 14

Twentieth Century Manure Spreader.

A Twentieth Century Manure and Lime Spreader will pay for itself in a single season's use on an average farm in the labor it saves, to say nothing of the big profits resulting from increased crops. By the economical handling of the manure or lime the actual value is increased from 15 to 30%. No matter what kind of farming you are doing, you will find a Twentieth Century Spreader a most profitable investment. This machine possesses many valuable features not found on other manure spreaders. Only the best of material is used in its construction. The wood parts are made of thoroughly seasoned ash and selected white wood, with three good coats of paint; the castings are of



first quality, the box is tight and equipped with a safety board, or end gate, which rests just in front of the beater and serves a variety of important purposes. It saves leakage, prevents strain on beater and insures even work. The safety board prevents the beater from clogging. In other machines the load piles up against the beater, and thus, when the machine is thrown into gear, the result is a breakdown; or, if it stands the strain, it will cast out sometimes as much as two bushels in a heap when the machine starts. In the Twentieth Century Spreader, the machine cannot be thrown into gear

until the safety board is raised, and even distribution from the start is certain because the beater attains full speed before the manure reaches it. In the beater mechanism of the Twentieth Century Spreader there is real strength, and the rear axle is made extra heavy, as it must not only carry its share of the load, but also stand the strain of driving the mechanism; in these two very important features the Twentieth Century is ahead of other makes. The construction of the bottom is exceptionally staunch and rigid. The Twentieth Century Spreader is the handiest machine to operate. By a simple device the operator can instantly and accurately change the feed without leaving his seat. The Twentieth Century is the easiest machine to operate, the simplest, the best built and the most accurate; therefore, it is the machine the progressive farmer wants.

For spreading lime, fertilizer or ashes, we recommend the special gear mentioned below. When operating in windy weather, with fine or dry material, you may need the Lime Hood attachment. The Drill attachment is for manuring in rows. Double trees and neck-yoke are furnished with machine. Three-horse Eveners are extra. Regular width of tires is 3 in. front and 4 in. rear.

Size A Spreader, capacity 30 bushels.....\$115.00

Size B Spreader, capacity 40 bushels..... 120.00

Size C Spreader, capacity 50 bushels..... 125.00

Size E Spreader, capacity 80 bushels..... 140.00

Extras—Lime Hood, \$5.00; Slow Feed for Lime, \$1.50; Hill Brake, \$5.00; Drill attachment, \$8.00; Three-horse Eveners, \$4.00; Mud Lugs, for use on frozen ground, \$4.00.

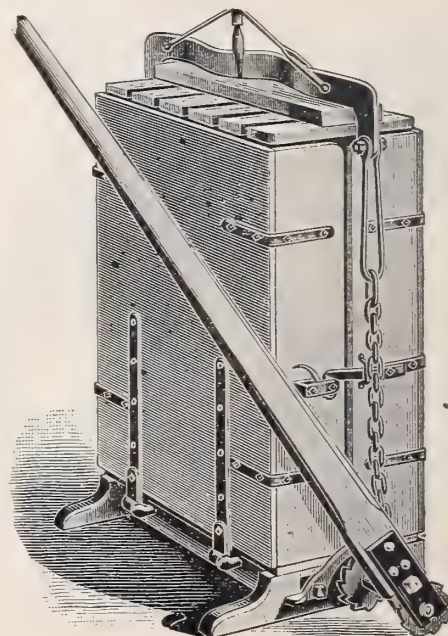
THE MINNICH HAND-POWER BALING PRESS.

Will turn out more bales with less power than any other hand-press. Warranted unsurpassed for power, simplicity, strength, durability, ease and quickness of operation. Especially adapted for hay, straw, shucks, paper, rags, cotton waste and tobacco stems.

No. 1—Makes bale of hay 54x26x24 inches.....\$85.00

No. 2—Makes bale of hay 44x24x22 inches..... 82.50

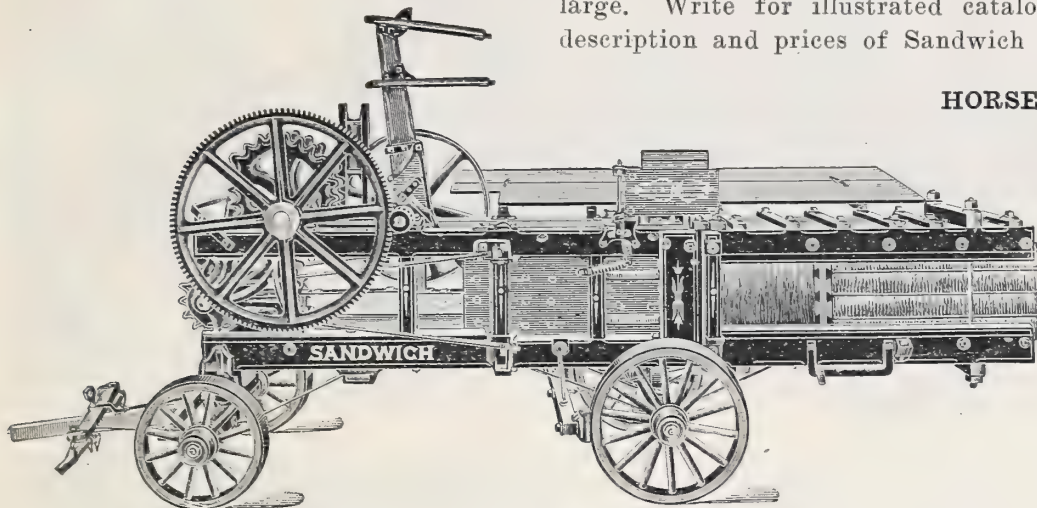
No. 3—Makes bale of hay 42x18x20 inches..... 80.00



Remember That All Our Machinery is Guaranteed.

The Sandwich Steam-Power Baling Press.

In the Hay Presses manufactured by the Sandwich Mfg. Co. are embodied the very latest and greatest achievements in the art of press manufacture. The Press illustrated is a simple, strong, steam baler—something that supplies the demand of the farmers. It has a large feed opening, simple and effective self-feeder. It is the safest machine to operate, the movements are slow and powerful, and the capacities of the various sizes are very large. Write for illustrated catalogue, giving detailed description and prices of Sandwich Presses.



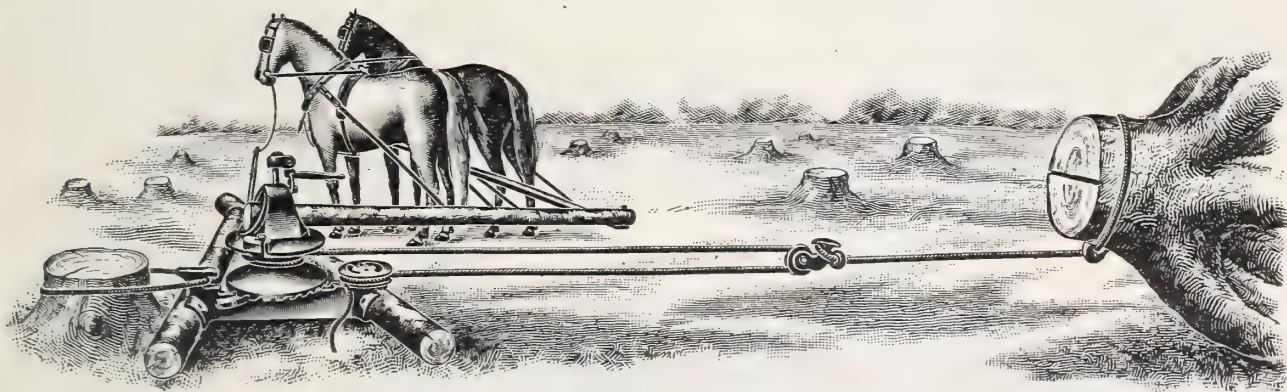
HORSE POWER PRESSES.

The Sandwich Company also makes a fine line of horse power presses, including the following well-known styles: Southwick, American, Western and New Way.

Write for catalogue.

IMPROVED TWENTIETH CENTURY STUMP PULLER.

This machine is made of the very best iron and steel and every part is proportioned to equalize the strain, doing away with surplus weight and adding strength and durability. The manufacturers of this machine are the originators and oldest makers of successful Stump Pullers in the world.



IF YOU HAVE STUMPY LAND, BUY A STUMP PULLER. THE TWENTIETH CENTURY WILL PAY YOU BIG RETURNS.

The Twentieth Century Low-Down Drum keeps the cable low so that the team can cross it under any conditions, with perfect safety, which means that you can do much more work in a day.

It is the only Stump Puller that works equally well on hillsides, rough or level ground, and it is the only machine that swings around the anchor stump into line with the pull rope. It will not tilt up on its edge like other machines. The V-shaped platform is the handiest, lightest and best.

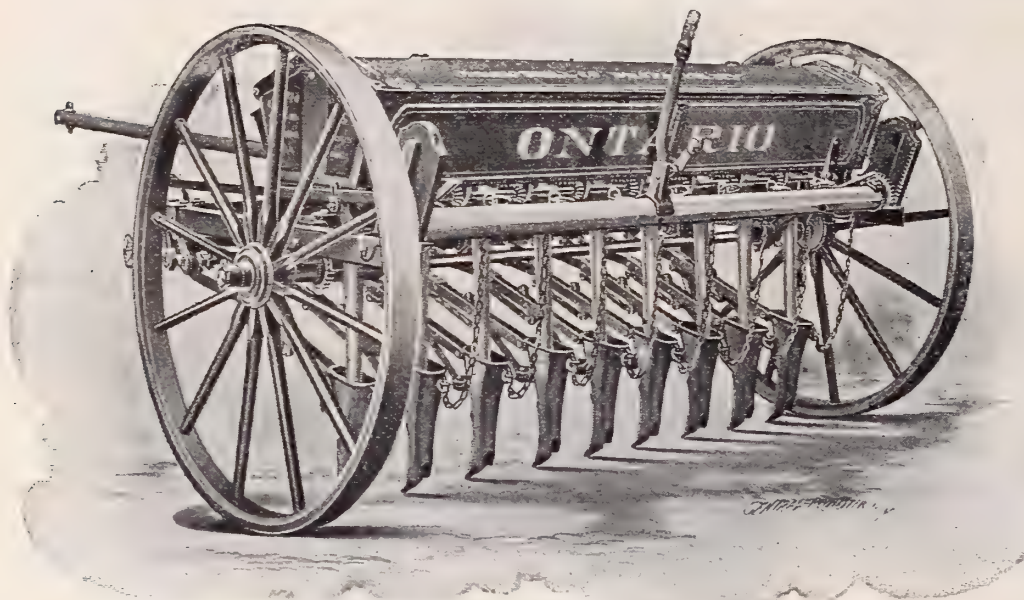
The special steel stump puller rope used on the Twentieth Century is made of the finest quality steel and is stronger, tougher and more durable than any other cable sold.

The Twentieth Century possesses many other valuable features. Its construction is such that it cannot be broken. It is provided with a new automatic sweep lift. Write for special catalogue.

This machine is shipped complete with our 25 ft. patent Anchor Rope, 1 in. in diameter; one 50 ft. Pull Rope, $\frac{3}{4}$ in. in diameter; one No. 10 Snatch Block, with 50 ft. of 1 in. rope attached; one short Anchor Loop, for light pulling; one automatic sweep lift, pawl, key, the necessary bolts, and everything except the cross-poles and sweep, the latter being cut in the timber where the machine is to work. Shipping weight, 600 lbs. Price, \$120.00. Lighter machines at lower prices.

Write for Special Catalogue of Twentieth Century Stump Puller and Smaller Sizes.

Ontario Combined Grain and Fertilizer Hoe Drill (Back Roller Style)



SPECIAL attention is called to the **simplicity** of the **ONTARIO**.

It is built strong and durable.

It has anti-friction roller bearings.

It is positively much lighter draft than any other drill of recognized merit. No cumbersome mechanism.

It is properly balanced. No neck weight. It saves horseflesh.

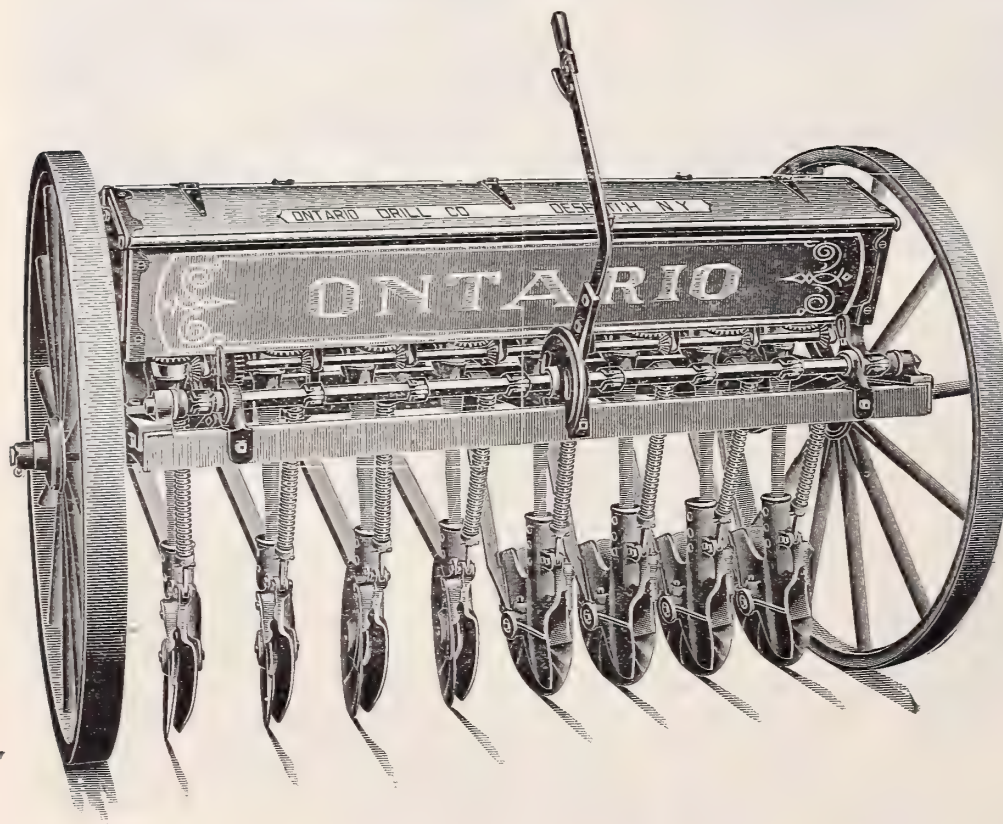
It has the most accurate, even sowing, double force feed distributor of any drill on the market. It has the strong, simple, cog-gear speed devices, with widest range of quantities. No loose gears. It has the famous EVERETT fertilizer force feed. Acknowledged to be the leader of them all. It has a broad wheel tread, and wheels that track right, either and both of which are drivers. It has the best hub ever put on a grain drill. It stands on its merits, not on its age, and does the work required by the modern farmer.

PRICE LIST OF HOE DRILLS.

8	Hoe Grain and Fertilizer Drill.....	with spring hoes,	\$80.00
9	Hoe Grain and Fertilizer Drill.....	" " "	85.00
10	Hoe Grain and Fertilizer Drill.....	" " "	90.00
11	Hoe Grain and Fertilizer Drill.....	" " "	95.00

All the above, with Pin Hoe, \$5.00 less.

Ontario Combined Grain and Fertilizer Disc Drill.



The Ontario Disc Drill embodies all the special features of our Standard Hoe Drill, excepting discs are used instead of hoes.

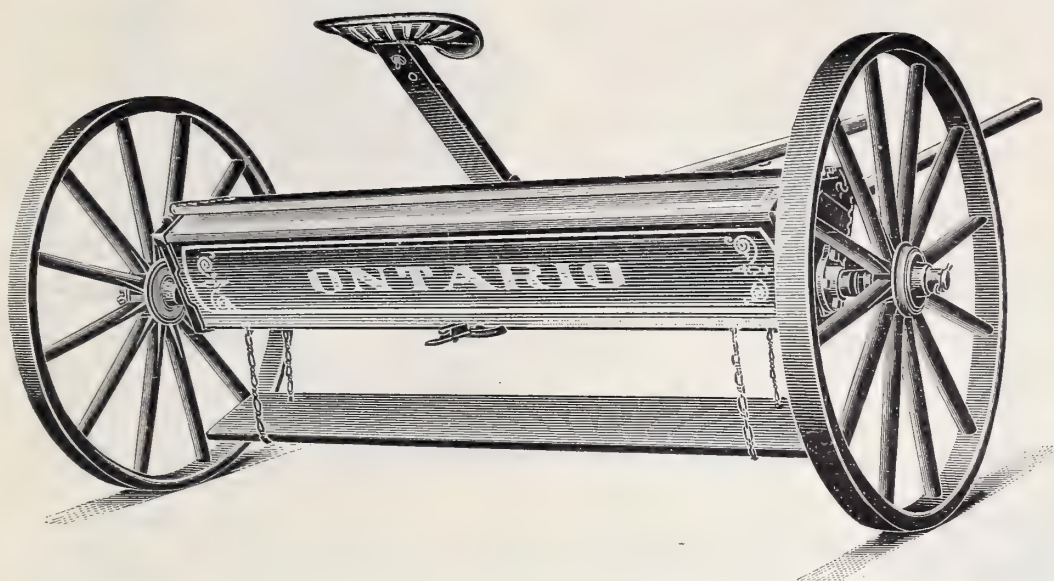
Prices.

8	Disc Drill.	\$ 85.00
9	Disc Drill.	90.00
10	Disc Drill.	95.00
11	Disc Drill.	100.00

Ontario Drills are Held in Highest Esteem by the Most Intelligent Farmers.

The Ontario Plaster and Fertilizer Sower and Broadcaster.

Light Draft, Simple, Well Balanced, Wide Range of Quantities.



Many of our farmers are using plaster, lime, ashes, bone dust, cotton seed meal, salt, or other dry fertilizers, and this Sower will be found an ideal tool for distributing them. It will sow from about 75 to 1,200 quarts per acre.

The hoppers are of large capacity, the 12x6 holding nearly 3 bushels and the 16x6 nearly 4 bushels. The 12x6 is usually fitted with shafts,

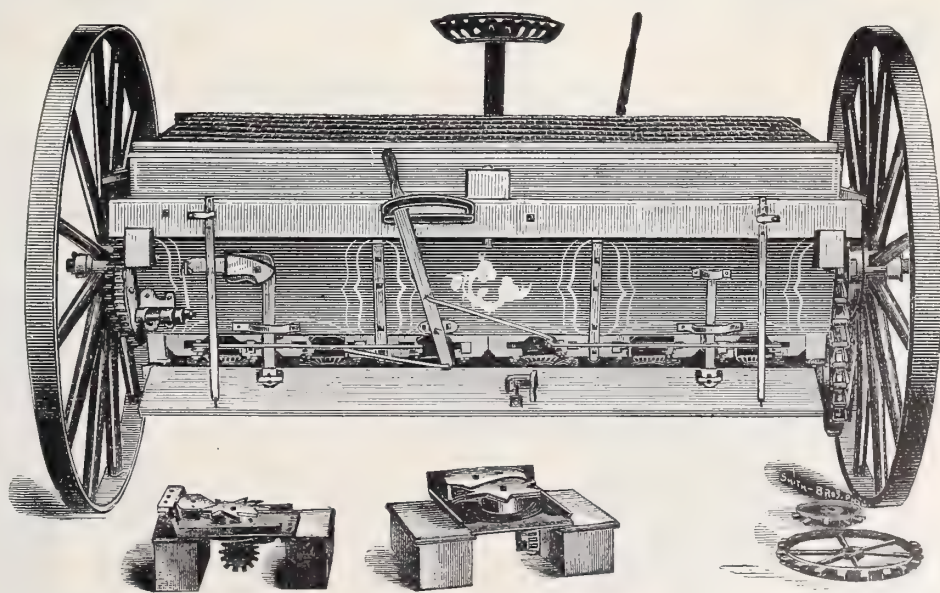
and the 16x6 with a pole; but either shafts or pole may be used with either machine, as ordered.

The openings for the discharge of the fertilizer are located at the bottom of the hopper, and are distant six inches from each other. Immediately above each opening is a revolving feeder, which forces the fertilizer through. A slide for regulating the quantity moves immediately beneath these openings. This slide is moved by means of a lever, within handy reach of the operator, and is securely held in any given place by a self-acting spring and plunger. It may be set at any one of twelve different notches, according to the kind of fertilizer and the quantity to be sown. Beneath the row of discharge holes a scatter-board is suspended. This may be set at various angles, and is intended to scatter the fertilizer before it strikes the ground.

The hopper is mounted upon a polished steel axle, $1\frac{3}{8}$ inches in diameter, which runs the entire length of the machine. To this is attached a strong, hard wood frame, securely bolted and braced. It is mounted upon wooden ground-wheels 42 inches in diameter, with 3 inch rims. Prices: 12 row, \$40.00; 16 row, \$50.00.

Spangler Lime and Fertilizer Distributor.

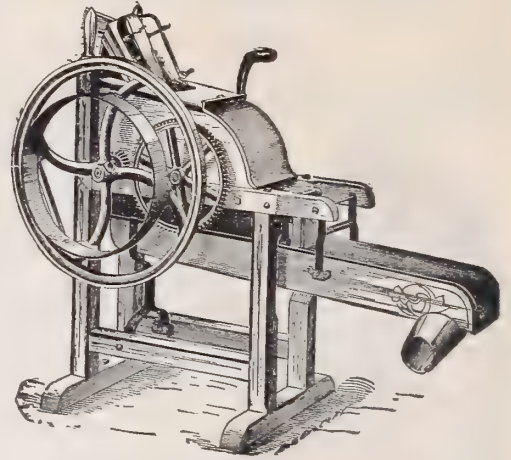
The machine which we illustrate below is one we have handled for a number of years and we have no hesitation about recommending it to our trade as thoroughly practical and a great time and labor saver. It is built of selected material, in a strong and substantial manner, and will give long and satisfactory service. It can be regulated to sow from 15 to 80 bushels per acre; it has 6 feeds and will spread the lime $7\frac{1}{2}$ feet wide. It is not easy to spread lime by hand and a great deal of lime is wasted by uneven spreading. By spreading the lime to the best advantage and effecting an economy thereby, a Spangler Lime Spreader will soon pay for itself, to say nothing of the saving of time and labor. The lime falls but a few inches, thus avoiding dust to either driver or horses. Will also broadcast commercial fertilizers or ashes. Price, \$80.00.



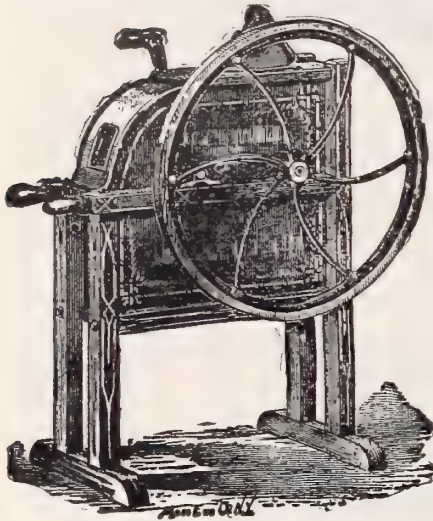
Special Catalogues Furnished on Application.

"LAMBERD No. 3" DOUBLE SPOUT CORN SHELLER.

While this Sheller is used principally as a hand machine, still it is admirably adapted for light power and is provided with a pulley for that purpose. We have made a leader of this Sheller for several years, and recommend it to our customers as a sheller excelling in the matter of convenience and up-to-date workmanship. The parts throughout are of selected material, made extra heavy and very strong. Well put together and nicely finished. Cold rolled steel shafts and steel shaker pitman. Journal boxes are made in two parts and can be adjusted to take up wear. This Sheller does rapid work, having a capacity of 500 to 600 bushels per day. Price, with shaker, \$15.00.

**"LAMBERD No. 2" SINGLE SPOUT CORN SHELLER.**

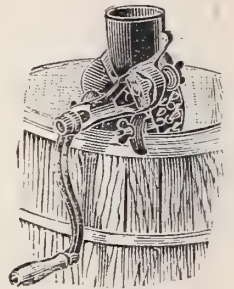
This very popular Sheller is well made, light running, and will give good service. It has large balance wheel, with heavy rim and wrought iron spokes. The journal boxes are engine bored and bolted to hard wood frames. Handsomely finished. Separates corn from cob. Price, without fan, \$6.50; with fan, \$7.00.



LAMBERD NO. 2 SHELLER

"RED CHIEF" CORN SHELLER.

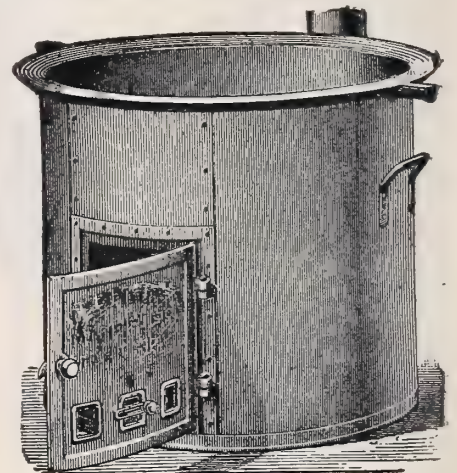
This is undoubtedly the best sheller of its class. It has a suitable device for adjusting it to take either large or small ears and do good work with either. It readily attaches to barrel or box and is just the thing for persons who have but a small quantity of corn to shell. Price \$1.50.



RED CHIEF CORN SHELLER

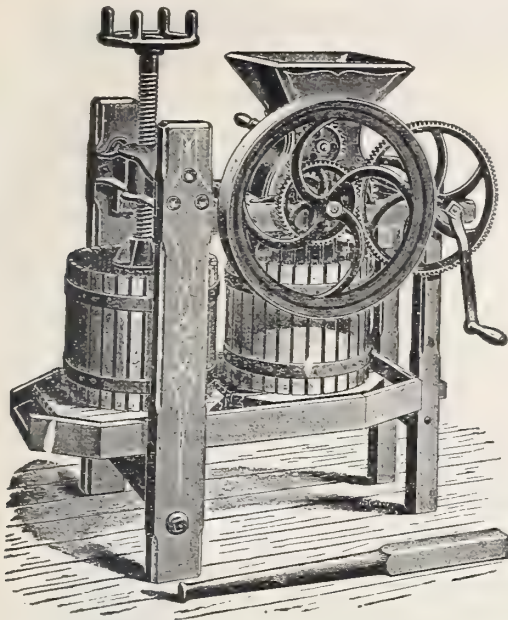
FOOD COOKER AND BOILER.

These are used for cooking food, rendering lard, scalding hogs, poultry, making soap; very useful for boiling spray mixtures. Heavy, cold rolled steel furnace, extra large feed door, wrought iron handles firmly riveted on furnace, kettles are smooth and made of heavy cast iron, never buckle or warp from heat. Made to set on ground or brick foundation. Prices: 30 gal., \$10.00; 40 gal., \$13.00; 53 gal., \$15.00.

**ROOFING PAPER.**

1-ply roofing paper, 300 sq. ft., per roll.....	\$1.50
2-ply roofing paper, 108 sq. ft., per roll.....	.75
3-ply roofing paper, 108 sq. ft., per roll.....	1.00
Roofing Nails and Caps.....	7c per pound

One pound of each required for every 100 square feet.



LAMBERD DOUBLE-CAGE CIDER MILL.

A fast working mill that does thorough work. Built in three sizes, the Senior has a capacity of from four to six barrels per day, while the Junior has hardly half this capacity. Made of best material and nicely finished. These Mills are unsurpassed in ease of operation and capacity. The fruit is thoroughly mashed before being delivered to the tubs, and all of the juice is readily extracted.

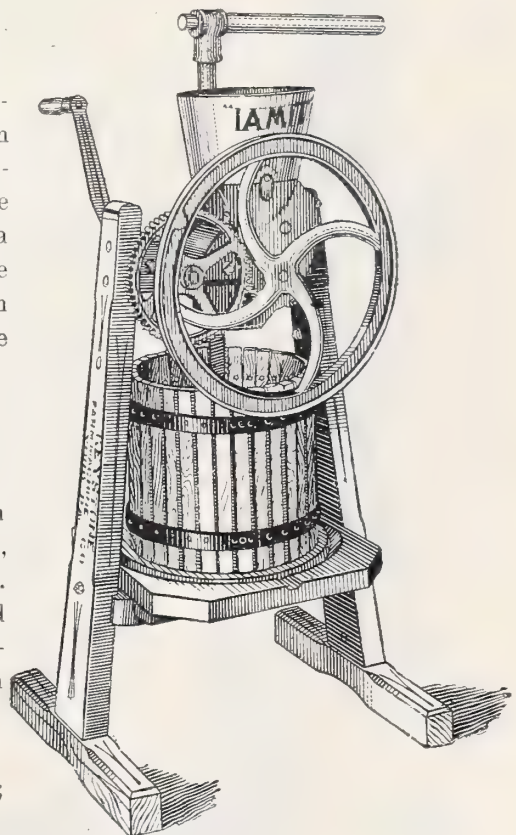
Prices:

Junior (Small).....	\$15.00	Medium.....	\$18.00
Senior (Large).....	\$22.00		

"IAMIT" CIDER MILL.

This is an improved pattern of the old Hutchinson Single-Cage Cider Mill. The enlarged hopper can be noticed by the illustration. This change is made to give a larger feed opening, as the small hopper and throat are the principal objections to the Hutchinson Mill. Equipped with a heavy fly wheel, which adds to the steadiness and ease with which it can be operated.

Price.....\$10.50

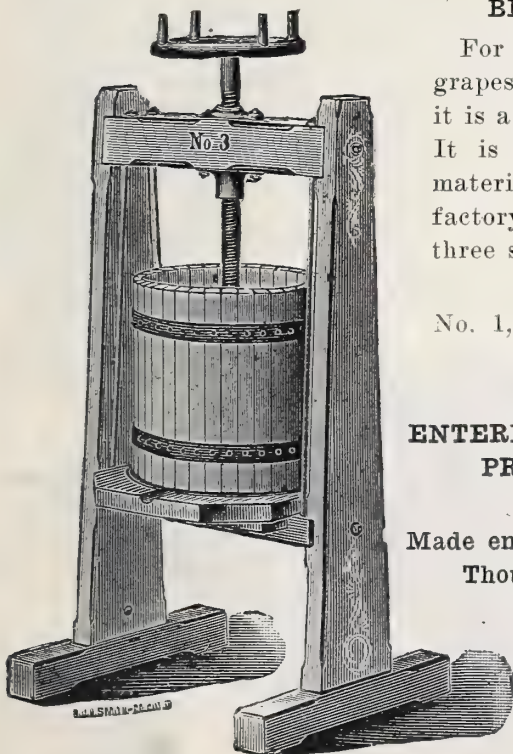


BERRY PRESSES.

For pressing juice from grapes and berries for wine, it is a very handy machine. It is well made, of good material, and will do satisfactory work. Made in three sizes.

Prices:

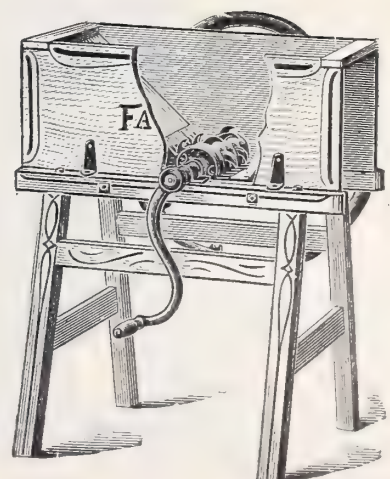
No. 1, \$4.50; No. 2, \$5.00;
No. 3, \$7.50.



ENTERPRISE LARD AND FRUIT PRESS AND SAUSAGE STUFFER.

Made entirely of steel, iron and tin. Thousands in use. Circular on application.

No. 15—2 quart.....	\$4.25
No. 25—4 quart.....	5.00
No. 35—8 quart.....	6.50



FAVORITE ROOT CUTTER.

For preparing roots and vegetables for stock feeding. A very useful machine for poultrymen. It is simple, does excellent work and is well made, low in price; quickly pays for itself. Price, \$7.50.

Our Machines are Guaranteed to be as Represented.

Smalley Hay, Ensilage and Fodder Cutters.

We have been fortunate in securing the agency for the celebrated Smalley line of Cutters which are unquestionably the best working and strongest machines of any on the market. We mention below some of the meritorious features.

The Wood Work is of selected, seasoned hardwood and very heavy and substantial. When viewed side by side with other machines the superiority of the Smalley wood work is seen at a glance.

The Pillow Blocks, on which the main shaft revolves, are extra heavy iron pieces, having well babbitted boxes. **The Shafts** are heavy and of cold rolled steel, warranted true and perfect.

The Cutting Plate is of hardened steel, on a heavy cast back. The plate has four cutting edges so as to give a great amount of wear. All gears are effectively covered by cast hoods.

The Knives are heavy, and of best material. The backs are wrought iron, with a thick steel surface rolled on. Every knife is fully warranted to be perfect in construction and temper. All castings are of the best mixture of iron and carefully inspected before being placed on machine.

SMALLEY SAFETY FLY WHEEL AND PULLEY.

The simplest and most efficient fly wheel and pulley on the

market. The cut above illustrates the construction. It works every time foreign matter comes in contact with the knives. The arrangement consists simply of tapered ends on the shaft, with threads cut right and left. The bore in the fly wheel and pulley is tapered to fit shaft and they are drawn tight by means of nuts; there are no set screws or keys. Outside the nut and a little distance away from it is a spring cotter through the shaft, which allows the nut to loosen, but keeps it from falling off. When the knives strike an obstruction the hubs of the fly wheel and pulley rub against the nuts, the friction turning them sufficiently to loosen both the fly wheel and pulley. This instantly stops the knives and permits the fly wheel and pulley to expend their momentum by revolving loosely on the shaft. It is a simple, scientific device. and It Will Work.

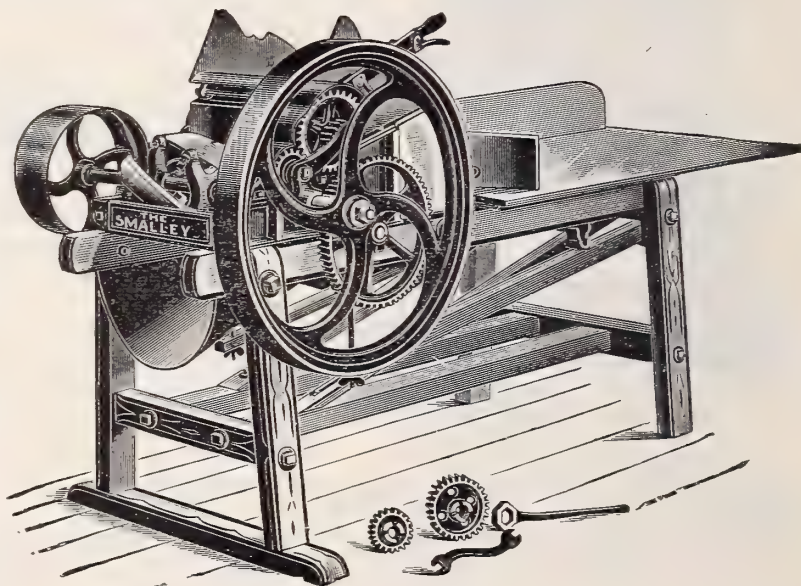
The Fly Wheels are unusually heavy, materially assisting the cutter when doing heavy work. Every wheel is perfectly balanced, which does away with the jerky, trembling motion often found in other makes of cutters. **Smalley Cutters are Heavier and Stronger than any other Cutters Made.**

NOVEL ROLLER DEVICE.

By a novel combination of gears, sprockets and chain we obtain the strongest and best working roller-driving mechanism. The rollers oscillate freely and adjust themselves to cutting where they must raise higher at one end than the other. They act well in all kinds of cutting.

UNIQUE SAFETY LEVER.

By raising the lever a trifle the feed rollers instantly stop, which is of great importance should the operator get his hand or clothing caught in the machine. Another advantage is that if the speed of the machine is run down, by raising the lever the operator can run it empty a few revolutions and recover speed.



NO. 16 CUTTER.

Send for Smalley Special Catalogue.

Table of Capacities, Required Power, Prices, Etc., of Smalley Cutters.

Size	Knives	Weight	Speed	Power Required	Capacity per hour		With Plain Table	With Special Self Feed
					Ensilage	Dry Fodder		
No. 9—4- 9 in.		350 lbs.	500 Rev.	1-2 h. p.	1-2 tons	750-1000 lbs.	\$ 30.00	
No. 10—4-10 in.		360 "	500 "	2-3 "	2-3 "	1000-1500 "	37.50	
No. 12—4-12 in.		660 "	500 "	3-4 "	4-6 "	1½-3 tons	50.00	\$ 75.00
No. 14—4-14 in.		700 "	500 "	5-6 "	5-6 "	2-3 "	60.00	85.00
No. 16—4-16 in.		770 "	500 "	5-6 "	6-8 "	2-3 "	70.00	100.00
No. 18—4-18 in.		850 "	500 "	6-7 "	8-10 "	3-4 "	95.00	130.00
No. 20—4-20 in.		1400 "	500 "	10 "	10-15 "	5-6 "	135.00	150.00
No. 26—4-26 in.		1600 "	500 "	12 "	15-20 "	6-8 "	150.00	200.00

The above cutters are all equipped with three lengths of cut, ¼, ½ and 1 inch. Special lengths of cut furnished on order. Nos. 9 and 10 cutters are furnished with hand power attachment, if desired, at a slight additional cost, although they are not regular hand cutters.

PRICES AND DESCRIPTION OF SMALLEY SHREDDER HEAD WILL BE FOUND ON PAGE 106.

NO. 20 and NO. 26 SMALLEY CUTTERS.

These two machines are so heavy and strong that it is almost impossible for breakage to occur. All of the castings and frame are extra heavy; they have 2¼ in. cold rolled shafts, with wide bearings and three malleable iron knife heads. We recommend them to anyone who wishes an extra heavy machine suitable for very hard usage.

SMALLEY NO. 18 SPECIAL CUTTER.

This is an extra strong cutter, the latest machine the company has gotten out. The main shaft is 1⅞ inches cold rolled steel; three knife heads are used; the gears, lever and quadrant are similar to those of the No. 26, and are, we believe, heavier than are used on any other make of machine. Built with self feed with flaring sides. This machine is designed as a cutter as nearly perfect as possible, that can be sold at a slight advance over the price of the regular No. 18 machine. An illustration of the No. 18 Special will be found on this page in connection with the Smalley Blower. Capacity, 12 to 15 tons of ensilage per hour; speed, 500 revolutions; weight, 1,275 lbs. All size machines, quoted with Feed Table, are built on the SPECIAL TYPE.

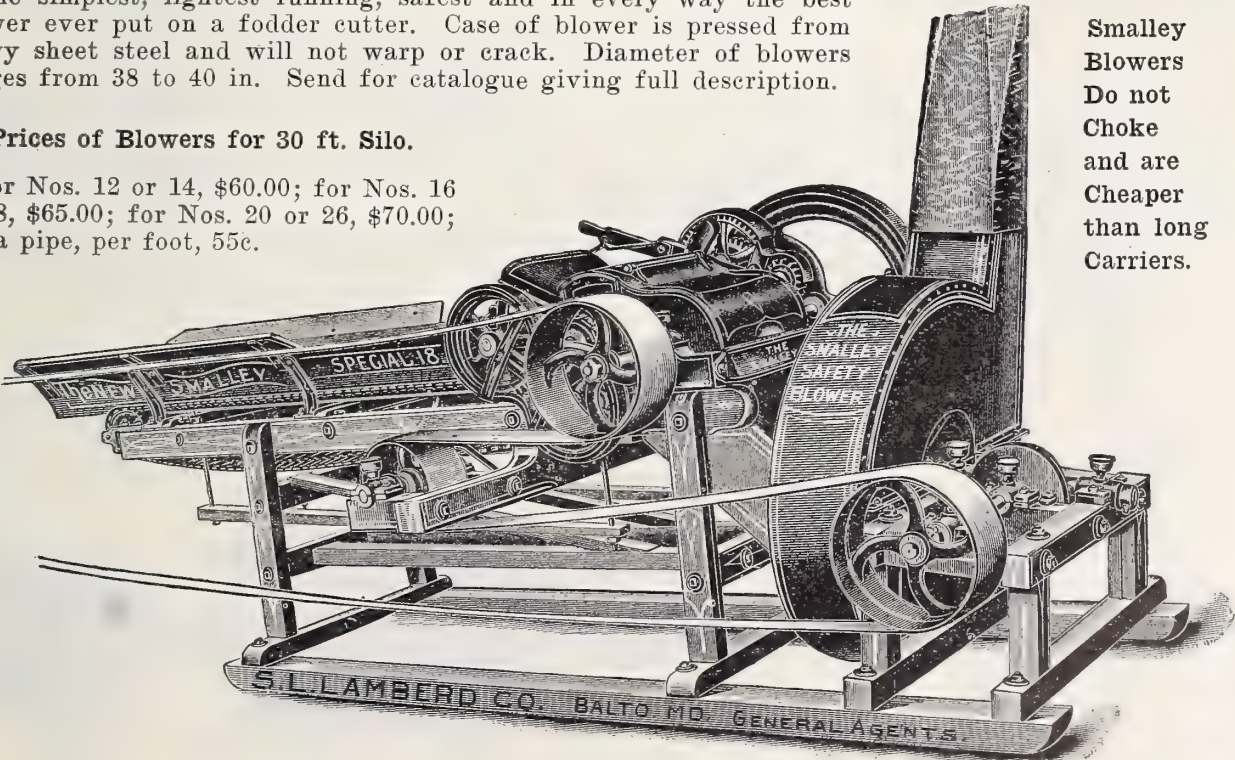
SMALLEY SAFETY SLOW SPEED BLOWER, LIGHT RUNNING. LARGE CAPACITY.

The simplest, lightest running, safest and in every way the best blower ever put on a fodder cutter. Case of blower is pressed from heavy sheet steel and will not warp or crack. Diameter of blowers ranges from 38 to 40 in. Send for catalogue giving full description.

Prices of Blowers for 30 ft. Silo.

For Nos. 12 or 14, \$60.00; for Nos. 16 or 18, \$65.00; for Nos. 20 or 26, \$70.00; extra pipe, per foot, 55c.

Smalley
Blowers
Do not
Choke
and are
Cheaper
than long
Carriers.



Smalley Cutters are the Best on Earth.

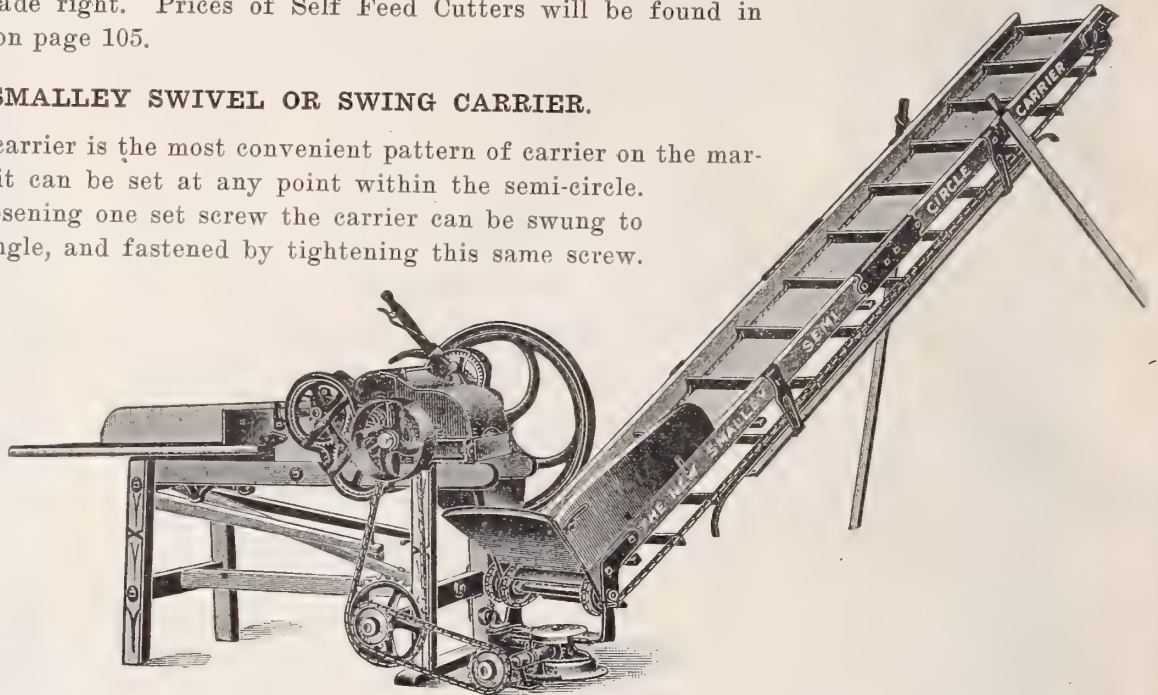
Smalley Self Feed Cutters.

The Traveling Feed Table of the Smalley Self Feed Cutters makes the feed come to the rolls continuously, and increases the capacity of the cutter about one-third. On large machines it saves one man at the machine. The Smalley Self Feed, like everything else that bears the name of Smalley, is made right. Prices of Self Feed Cutters will be found in general table on page 105.

SMALLEY SWIVEL OR SWING CARRIER.

The swivel carrier is the most convenient pattern of carrier on the market, because it can be set at any point within the semi-circle. By simply loosening one set screw the carrier can be swung to the desired angle, and fastened by tightening this same screw.

The gears are neatly encased in iron, and an oil tube, reaching from the top to gears, makes it easy to oil them, even when in motion.



PRICES.

14 ft. carrier for No. 9.....	\$27.00	14 ft. carrier for No. 16.....	\$33.00
14 ft. carrier for No. 10.....	28.00	14 ft. carrier for No. 18.....	35.00
14 ft. carrier for No. 12.....	30.00	14 ft. carrier for No. 20.....	42.00
14 ft. carrier for No. 14.....	31.00	14 ft. carrier for No. 26.....	50.00

Prices per foot for each additional foot over 14 ft.: For Nos. 9 or 10, \$1.20 per ft.; Nos. 12 or 14, \$1.35 per ft.; Nos. 16 or 18, \$1.50 per ft.; Nos. 20 or 26, \$1.85 per ft. Special prices on carrier, with cutter.

SMALLEY IMPROVED SHREDDER.

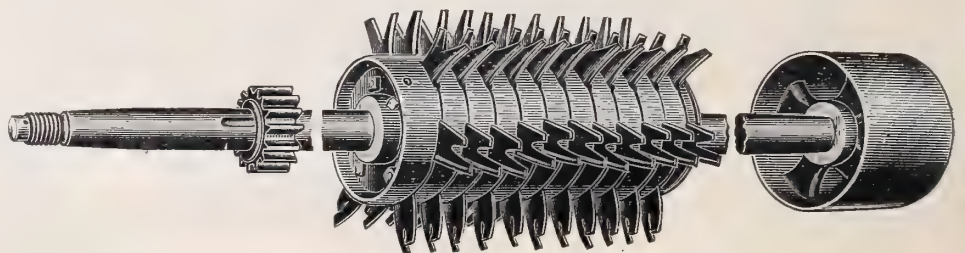
The Smalley Shredder head is made in sizes to fit any of our power cutters, and is positively guaranteed to place fodder in better condition for feeding than will any other shredder. It can be run at a low rate of speed, consequently takes little power, and, as the knives are adjustable, they can be used until completely worn out. Every stalk passing through the machine is thoroughly shredded into nice, soft, fodder, every part of which can be eaten by the cattle. We guarantee that ours will do more and better work than any shredder on earth, with the same power, and outlast a dozen of the circular saw pattern. These machines should be speeded from 700 to 900 revolutions per minute. They have about three-fourths the capacity of cutters, size for size, and about one-third more power is required to operate them.

PRICES OF SHREDDER HEADS.

No. 9.....	\$20.00	No. 10.....	\$21.00
No. 12.....	28.00	No. 14.....	30.00
No. 16.....	35.00	No. 18.....	40.00
No. 20.....	50.00	No. 26.....	60.00

Snapping Rolls.

Smalley Cutters can be furnished with Special Snapping Rolls. Catalogue sent on application.



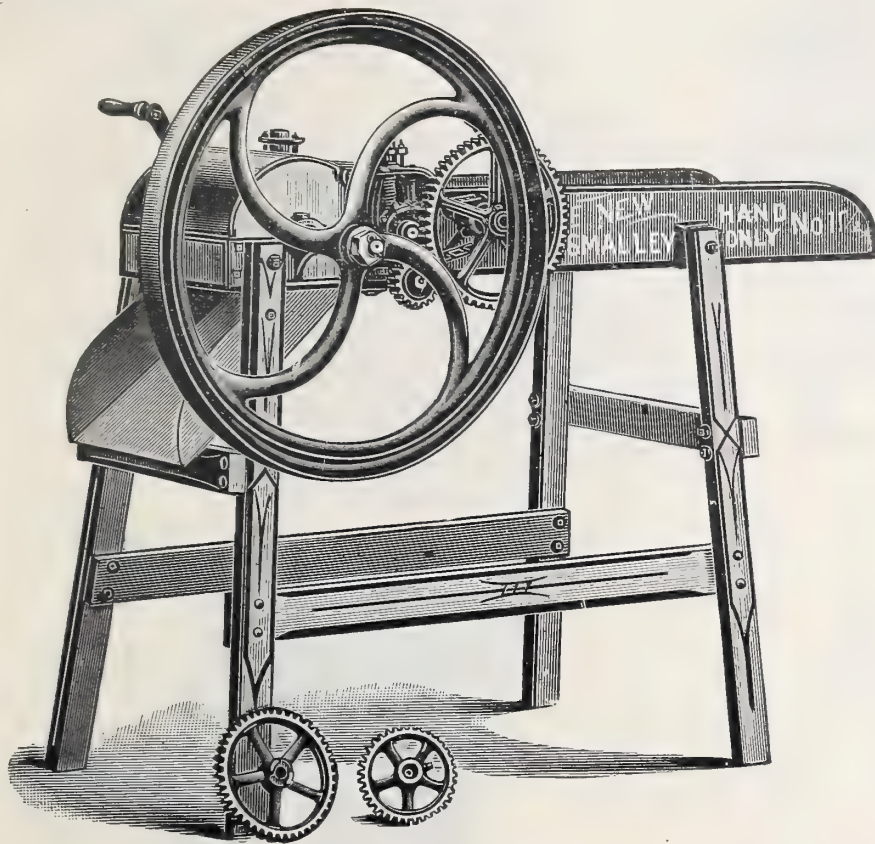
SMALLEY SHREDDER HEAD.

The Lowest Priced Machines are Not always the Cheapest.

The New Smalley 11½ Inch Cutter.

Warranted the Best and Most Rapid Hand-Power Feed Cutter on Earth. The Only Hand Cutter Made with a Perfect Safety Fly Wheel.

This machine is provided with two 11½ inch steel knives, securely fastened to solid heads. Like all our machines, it has a down cut. Set screws go through the head to back of knives, making an easy adjustment to compensate for wear on the blades. This machine is provided with a 60 lb. patent safety fly wheel, which comes loose if foreign matter is brought in contact with the knives.



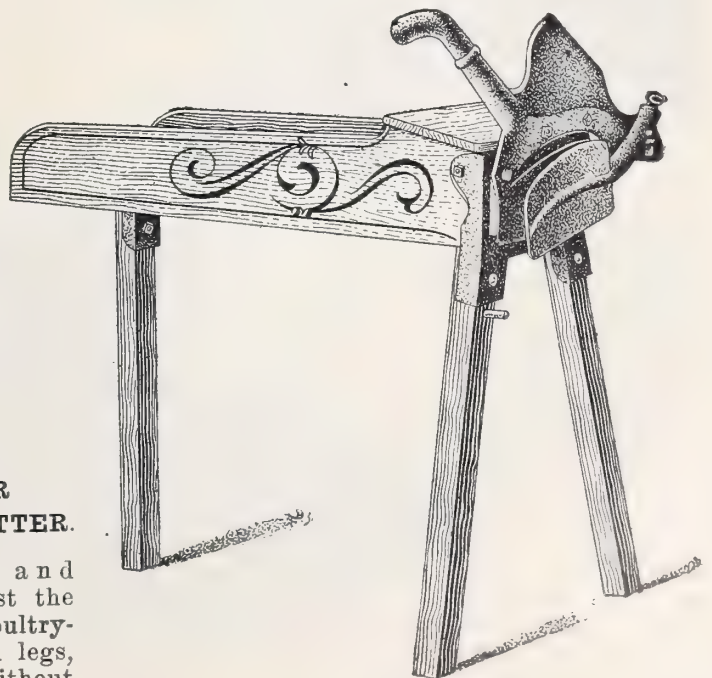
The frame is hardwood, sufficiently braced and bolted to stand the strain, and is neatly painted and finished. This cutter is one of our best sellers and we do not hesitate to guarantee it as the best hand-power machine on the market. Capacity per hour, green fodder, 600 to 800 lbs.; dry fodder, 300 to 400 lbs. Weight, 205 lbs. Price, complete with gears to cut ¼, ½ and 1 inch, \$15.00.

We furnish, if desired, a pulley to attach to fly wheel so that cutter can be driven by light power. As this machine has safety fly wheel, it is safer to use it with power than any other hand cutter, although we do not recommend it as strictly a power machine. Price of fly wheel pulley, complete, \$1.50.

SUPERIOR LEVER CUTTER.

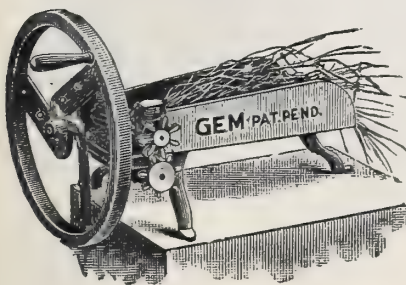
This is an excellent machine, suitable for those having little stock and who do not feel that they have sufficient need for a cutter to justify the purchase of a No. 11½.

Among the merits of this cutter are that it is simple, durable, handsome and low-priced. It has an 11 inch tempered curved knife, which can be adjusted to take up all wear, thus insuring a perfect shear cut at all times. It is suitable for hay, straw and fodder. Weight, 40 lbs. Price, \$3.00.



THE GEM CLOVER CUTTER.

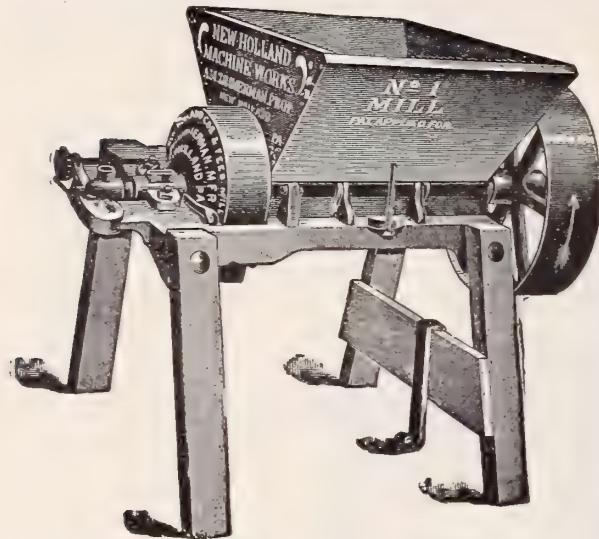
All iron and steel. Just the thing for Poultrymen. With legs, \$10.00; without legs, \$9.00.



Prices Subject to Change Without Notice.

New Holland Grinding Mills for Ear Corn or Shelled Grain.

These very popular and excellent working mills have a decided point in their favor, and that is that while doing excellent and fast work, they are slow-speed machines, a factor for reducing friction, and operate with less power than any other mill we know of. By a peculiar construction, the ears are not crushed by main force as in other mills. The lugs of the cob grinders are placed



spirally on the shaft, so that not more than one or two will catch the ears of corn at one time, and, being short, they pierce and break out pieces of the ear and thus gradually reduce it. Having large pulleys and no extra shafts, belts, chain or cog gearing, the draft is made the lightest possible. Simplicity and durability are the keynotes in the construction of these mills. The frame is in one casting and there is only one shaft; the cob grinders and grinding plates are all on this shaft. The material is of extra quality, and there are a number of little features about the mill which all go towards making it very durable and long-lived. The grinding plates are made of the hardest suitable metal.

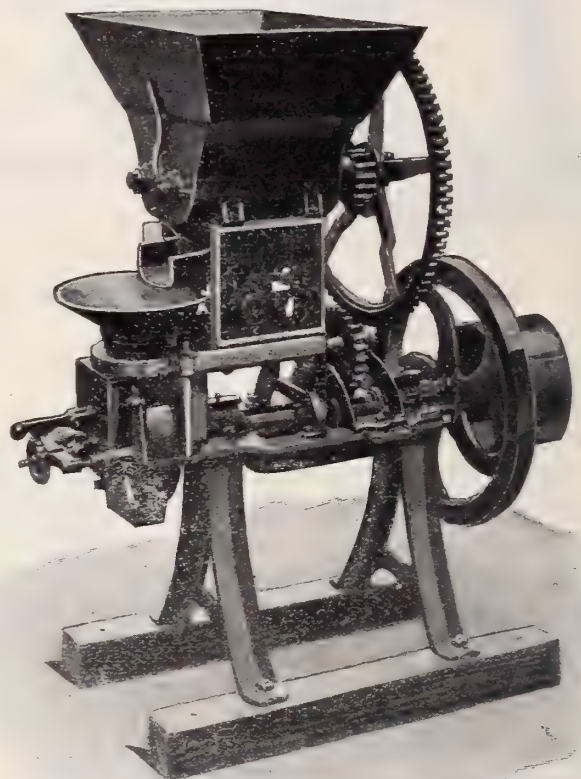
No. 1 New Holland Mill. This mill may be operated with any light power, from two to six horse power. The speed should be from 200 to 600 revolutions per minute, according to power. Light powers require slower speeds. Capacity, 6 to 30 bus. per hour. Price, complete, \$25.00.

No. 2 New Holland Mill. Similar to the No. 1, but is heavier, larger, and has much greater capacity. It is suitable for any power, from six to twelve horse, and will grind from 20 to 60 bus. per hour. Speed required, 200 to 600 revolutions per minute. Price, complete, \$35.00.

IDEAL DUPLEX FEED MILLS.

The sale of these mills, as well as the universally good testimony of the purchasers, bear witness to their great merit and popularity. The No. 10 is absolutely the only Ear Corn Grinder adapted to be used with any power that develops varying speeds, such as tread powers and power windmills.

Construction—No. 10. This Mill is mounted on strong iron frame. The crusher is arranged above the grinding burrs. The shake feed spout is arranged between the crusher and burrs; thus the ears of corn to be ground, on being put into the hopper, pass through the crusher, and the crushed cob meal is measured to the grinding burrs by the automatic shake feed spout in the exact quantity to suit the speed of mill and power applied. When the mill stops the burrs are comparatively empty, permitting the mill to start up easily without the attention of operator. Capacity, according to power and quality of grinding, 10 to 20 bushels ear corn, 15 to 30 bushels shelled grain per hour. Power required, 4 to 10 h. p. Price of mill, \$40.00; weight, 400 lbs.



NO. 10 IDEAL DUPLEX MILL.

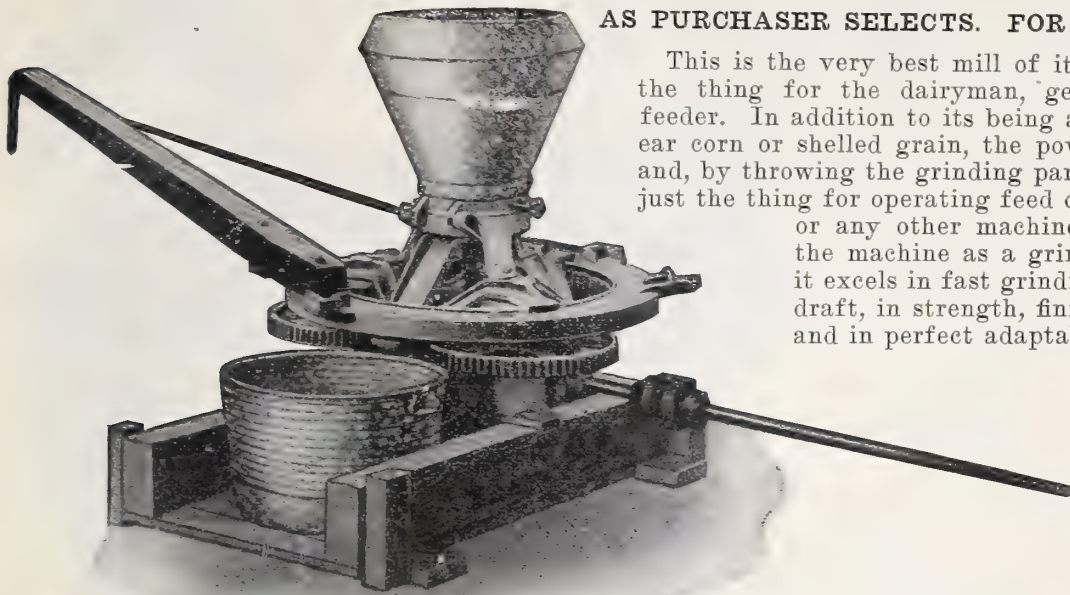
No.	Capacity per hour		Power Required	Price
	Ear Corn	Shelled Corn		
1	10 to 15 bus.	20 to 30 bus.	6 to 10 horse.....	\$35.00
2	12 to 25 "	25 to 45 "	10 to 12 "	42.50
3	25 to 40 "	40 to 100 "	12 to 15 "	55.00

Estimates Cheerfully Furnished.

Ideal Feed Mill and Power Combined.

SOLD AS AN EAR CORN GRINDER OR FOR SHELLED GRAIN ONLY,

AS PURCHASER SELECTS. FOR 2 OR 4 HORSES.



This is the very best mill of its kind. It is just the thing for the dairyman, general farmer and feeder. In addition to its being a grinding mill for ear corn or shelled grain, the power is very strong and, by throwing the grinding part out of gear, it is just the thing for operating feed cutters, wood saws, or any other machinery. In regard to the machine as a grinder, will say that it excels in fast grinding, in lightness of draft, in strength, finish and durability, and in perfect adaptability for grinding

all kinds of grain into coarse, medium or fine chop. Capacity: Ear corn, 6-10 bu. per hour; shelled grain, 8-15 bu.

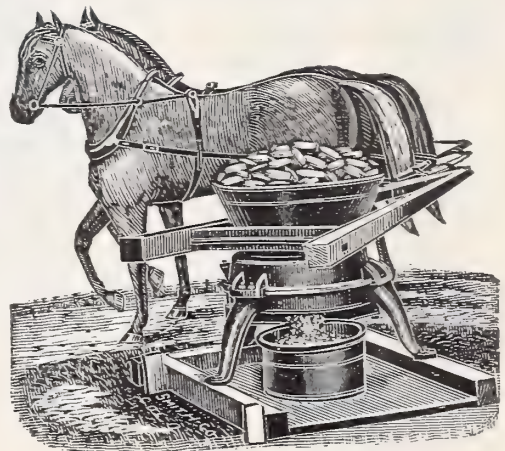
No. 15—Mill and Power combined, for shelled grain and ear corn, with 2 sweeps.....\$62.50

“STAR” CORN AND COB MILL.

This mill will grind corn fine or coarse, corn shelled or on the cob, chop feed, oats, etc. With fine burrs in they will develop the following capacity:

Ear corn, as fine as hominy or a shade finer, 12 bushels per hour. Ear corn, fine, 8 bushels per hour. Shelled corn, finer than hominy, 17 bushels per hour. Shelled corn or oats, mixed, common chop, 8 bushels per hour. Shelled corn and oats, mixed, very fine, 8 bushels per hour.

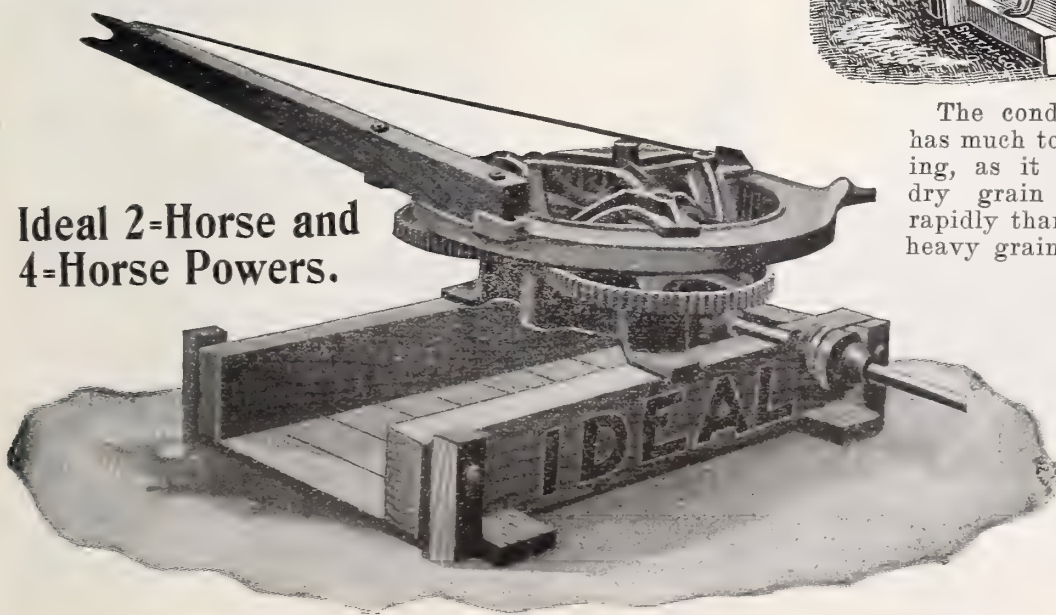
With coarse grinders, 12 to 30 bushels of ear corn can be ground in an hour. The amounts given are based on actual tests made by ourselves and others, with the team making 4 to 5 circuits per minute.



The condition of the grain has much to do with the grinding, as it is reasonable that dry grain will grind more rapidly than damp, and sound, heavy grain will pass through more readily than chaffy stuff.

Mills are shipped with either fine or coarse burrs, as desired. Price, \$22.50.

Ideal 2-Horse and 4-Horse Powers.



Price of Two-Horse Power, with one sweep.....\$35.00; with two sweeps.....\$38.00
Price of Four-Horse Power, with two sweeps..... 50.00 with three sweeps..... 53.00

Send for Special Feed Mill Catalogue.

SMALLEY CHAMPION SLIDE TABLE SAW.

A splendid machine. The frame is constructed of 4 inch hardwood, mortised and bolted. The arbor is 1½ inch cold rolled steel. The distance from fly wheel to saw is 3 feet 1½ inches. The table operates on rollers, which run on a grooved and smooth track, and a cast guide keeps it in position. An iron counter-balance, not shown in cut is furnished. This is attached by a rope to the table, and brings it back to position when the cut is made. The machine is furnished with a guard, as shown in cut. The saw blade is the very best obtainable, and will be replaced free, if found defective. Left-handed machines, as shown in cut, furnished, unless otherwise ordered.

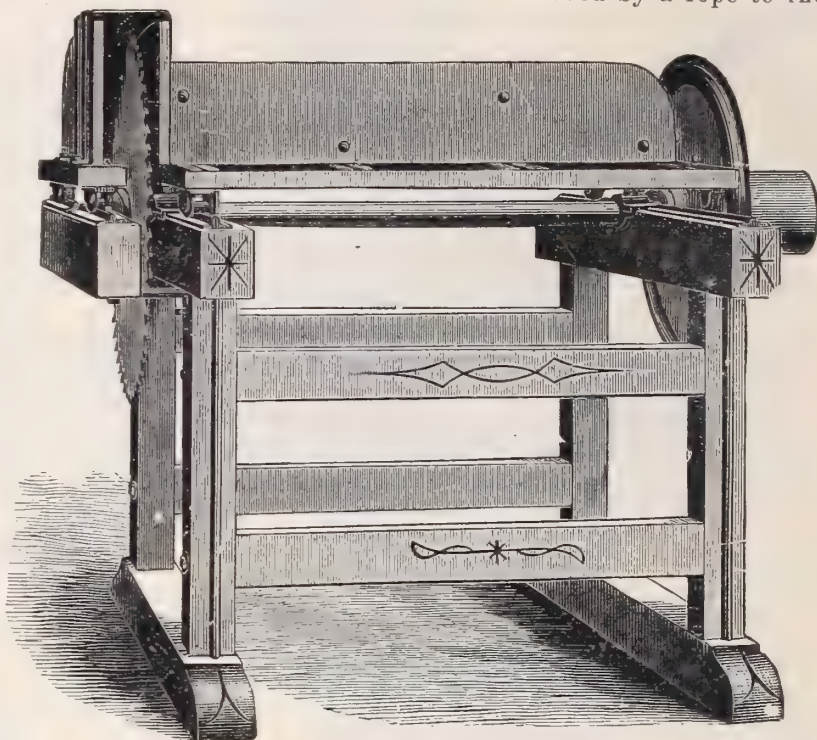
Weight, 400 lbs. Speed, 1,000 revolutions per minute, when a 24 in. saw is used.

With 26 in. saw.....\$32.00

With 28 in. saw..... 34.00

Swinging tables at same prices.

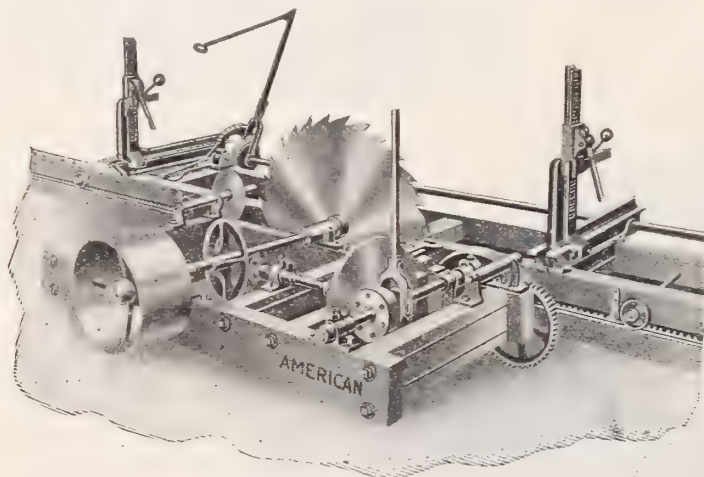
Small Swinging Table Saw, with 18 in. saw, \$16.00; rip saw table, extra, \$2.50.



THE AMERICAN IMPROVED VARIABLE FRICTION FEED SAW MILL.

Combines all the best features that have for many years entered into the construction of circular saw mills. It is the simplest, easy to keep in repair, and easy to handle.

Feeds. A choice of two feeds is given, although we recommend Bevel Frictions; these insure a positive motion and maintain a wide range of feed variation. The feed is **positive**, there is no slipping of frictions under any conditions.



Husk Frames and carriages are of best selected timber, heavy enough to stand hard usage and very strong in construction.

Trucks. Trucks are of large diameter, with best steel axles, running in self-oiling, babbitted boxes, with ample provision for taking up all lost motion and accurately turned to perfectly fit the guide track.

Track. Rolled steel, in 12 ft. sections and furnished with suitable holding down spikes.

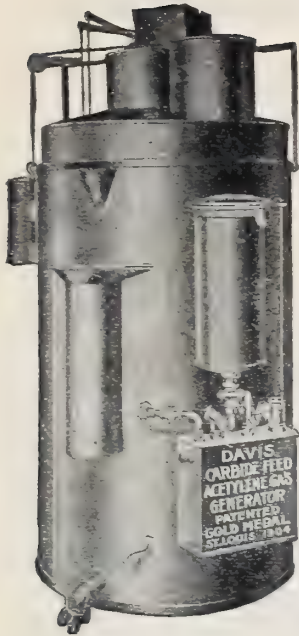
Feed Levers and Dogs. Of greatly improved patterns.

Set Works. What other manufacturers have secured by two or three levers, we have secured by one. Two or three pulls of the lever will recede the blocks as far as is usually required.

Carriage Drives. All our Standard Mills are furnished with rack and pinion carriage drive. Manila Rope Drive will be supplied, if preferred, without extra charge. Wire Cable Drive at a slight additional cost.

We have not room here to go into more detailed description of these mills; but, if anyone interested will drop us a card, we will mail a special catalogue, giving detailed description and price.

Prices Subject to Change Without Notice.



Davis Acetylene Gas Generators.

The Cheapest and Safest Method for Lighting Country Homes.

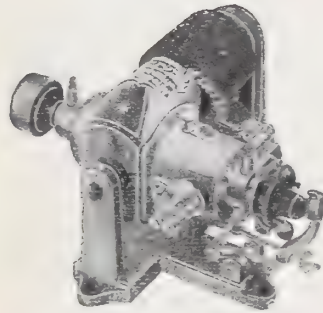
Acetylene is made automatically, in small quantities, as the gas is consumed, in machines which bring carbide and water into contact.

These machines, called generators, are compact, not much larger than stoves, and are ordinarily placed in basements and connected with gas piping. Existing piping can be used by simply changing the burners.

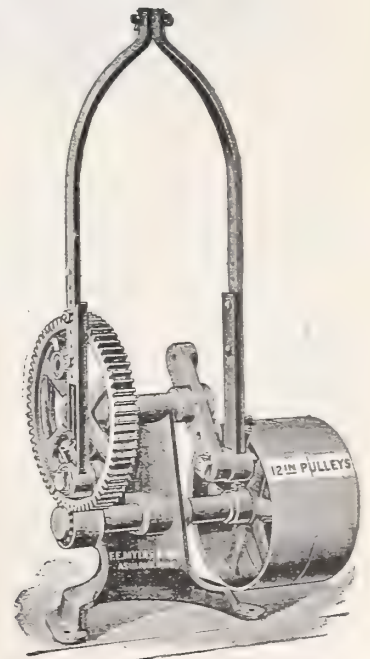
Write for catalogue and price.

The Motsinger Auto-Sparker.

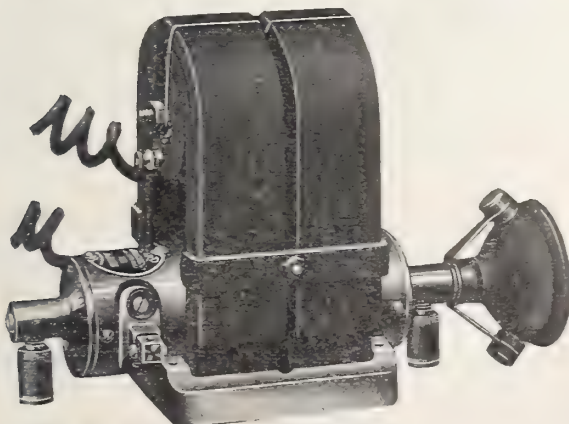
The Auto-Sparker will work on either touch or jump spark engines, providing the proper coil is used. We do not claim that the Auto-Sparker will spark an engine that no batteries will spark, or that it is a cure-all for an old engine that has no contact points or compression. Price, \$20.00.



Myers Universal Pump Jack.



Wizard Double Magneto.



Especially adapted for gasoline engines, from 1 to 6 h. p. Using Double Magneto you can dispense with dry cell and wet batteries. Much cheaper in the end, and gives no trouble. Ignites any engine which has make and break spark, and which can be started with crank. Price, \$15.00.

5 in., 7½ in. and 10 in. stroke. Can be attached to any pump, with windmill head. Price, \$15.00.

Our Engines are Attended to by Men of Experience Who are in our Regular Employ.

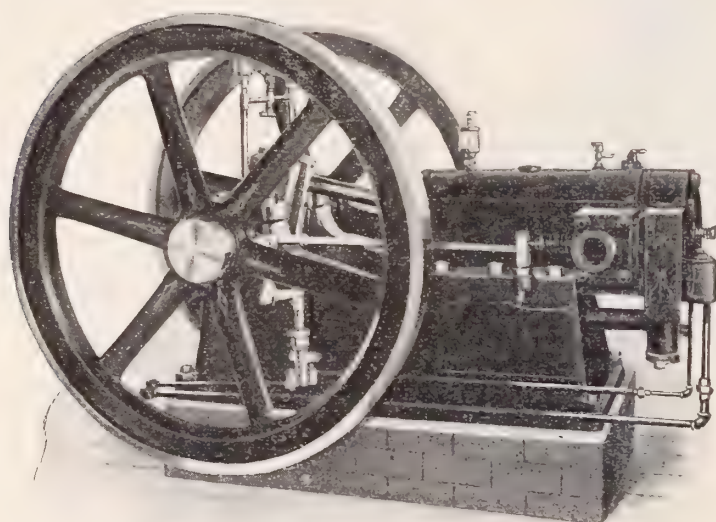
The McVicker Automatic Gasoline Engine.

(ONE-THIRD NUMBER OF PARTS COMPARED WITH OTHER ENGINES.)

We wish to tell you of a Gasoline Engine, without complicated adjustments, with **Electric Governor** and with **One-Third The Usual Number of Parts**. With such an Engine we feel that we deserve your engine business.

Most important to you is to know whether or not the McVicker Automatic Gasoline Engine is a good one. In order to find this out it is necessary to know what is required in a good engine, and what place among power generators the gasoline engine is intended to fill.

The mission of the gasoline engine is to act as an economical power generator, which anyone can operate. When the first gasoline engine came out the cry went up that this had been accomplished; but as time went on users found that the operating of a gasoline engine was not the bed of roses they had been led to believe chiefly because of the many parts which were constantly getting out of order.



So for the last few years an earnest effort has been made by every manufacturer to simplify the gasoline engine, and, in order to realize how important they consider this point, you have only to read their advertisements in any trade journal or catalogue. We make the same claim of simplicity, and offer proof to justify our claim. By actual count we have less than one-third the number of repair parts. We are now getting to the point as to whether or not the McVicker Automatic Gasoline Engine is a good engine, and we want you to notice that it is **Three Times as Good** as its competitors in the number of its parts.

The McVicker Automatic Gasoline Engine is of the four-cycle, hit and miss type, which is conceded by all to be the standard, but which has, in addition to the advantages of the four-cycle engine, those of the two-cycle also, without the disadvantage of wasting fuel.

The combination of the even speed of the two-cycle and the economy of fuel of the four-cycle is possessed only by the McVicker Automatic Gasoline Engine. All other makes can take an impulse only on multiples of four, i. e., if they miss fire on the fourth cycle they have to wait until the eighth cycle, or two complete revolutions, while the McVicker can pick up on the sixth cycle, or any outward stroke after the first four.

There is nothing to get sick on a McVicker—no gears, tumbling rods, ratchets, eccentrics, etc.—no complicated affairs, with complicated movements. There are only four moving parts on a McVicker, and any ten-year-old child can understand their movements. Any child can run a McVicker for months without the least trouble and without a glance from you or anyone, for the McVicker Gasoline Engine has less than one-third the number of parts of any gasoline engine made today.

Wonderful simplicity and top-notch efficiency are in perfect harmony in the McVicker.

You can saw wood, cut fodder, do the week's churning, pump water, shell corn, run a thresher, an electric light plant, in short, accomplish any work where power can be employed. From whatever standpoint the farmer looks at it, a gasoline engine—if it is a McVicker—is indispensable. It is an investment that will pay for itself in dollars and cents in a very short time, and, in added comfort, immediately.

Write for Special Engine Catalogue.

Our Portable Engine is the "Best of All."

Equipped with Friction Clutch Pulley. Special Cooling Device. Well Balanced.



PLEASE BEAR IN MIND THAT THIS IS THE ONLY ENGINE MADE THAT HAS AN
ELECTRIC GOVERNOR AND SEMI-AUTOMATIC EXHAUST.

SIZES AND WEIGHTS.

2 H. P. Stationary Engine.....	750
4 H. P. Stationary Engine.....	1,300
6 H. P. Stationary Engine.....	1,600
8 H. P. Stationary Engine.....	2,000
10 H. P. Stationary Engine.....	2,500
12 H. P. Stationary Engine.....	3,000
16 H. P. Stationary Engine.....	4,500
20 H. P. Stationary Engine.....	6,000
30 H. P. Stationary Engine.....	7,000
6 H. P. Portable Engine (steel truck).....	2,200
8 H. P. Portable Engine (steel truck).....	3,000
10 H. P. Portable Engine (steel truck).....	3,500
12 H. P. Portable Engine (steel truck).....	4,000
16 H. P. Portable Engine (steel truck).....	5,700
20 H. P. Portable Engine (steel truck).....	7,500
2 H. P. Engine, on skids, cir. pump and special cooling tank.....	750
4 H. P. Engine, on skids, cir. pump and special cooling tank.....	1,300
6 H. P. Engine, on skids, cir. pump and special cooling tank.....	1,700
8 H. P. Engine, on skids, cir. pump and special cooling tank.....	2,100

OUR GUARANTEE. The Alma Manufacturing Company guarantees each engine to pull its rated horse-power, to be made of good material, and in a workmanlike manner; and if any part of said engine shows defective material or workmanship within one year from date of shipment, we agree to furnish new part free of charge, upon its return (natural wear, alone, excepted), but assume no liability, nor shall they be held responsible for damages caused by such defective material, nor will they make any allowance for repairs or alterations, unless same are made with their written consent and approval.

Prices of Engines Furnishe on Application.



We have registered plumbers in our employ, who install outfits, as shown in the above cut, and we guarantee to furnish first-class material, and have the work done in a sanitary manner. The cost is not so great as one would suppose, and is within reach of the farmer of average means. How pleasant, after a hard day's work in the field to have the facilities for taking a bath; and think of the convenience to the wife in not having to go out of doors for water in all kinds of weather, and always having hot and cold water in abundance inside of the house. We furnish outfit complete—bathroom fixtures, sink in kitchen, new range or water back in your old stove, hot water tank, cold water tank, of any capacity required, located where wanted, force pump, and power to run pump, either gasoline engine or windmill. We refer to a few parties for whom we have done work of this kind, and will be glad if you will write them: Thos. Craddock, Pikesville, Md.; W. E. Wyatt, Gwynnbrook, Md.; W. T. Holland, Mt. Vernon, Md.; Geo. W. White, Hamilton, Md.; I. J. Twining, Glenarm, Md.; C. H. Wyse, Whitehall, Md.; Zink Bros., Cockeysville, Md.; Jno. M. Campbell, Labans, Va.; Conrad Posey, La Platta, Md.; F. E. Mattingly, Indian Head, Md.; Luther Downs and Geo. Downs, Welhams, Md.; F. S. Revell, T. A. Cromwell, C. B. Pumphrey, Marley, Md.; S. L. Gaylor, Hanover, Md.; Fulton Kelly, R. O. Shipley, Harmons, Md.; E. P. Baugh, Jr., Revells, Md.; Jno. F. Oldfield, Fulford, Md.; A. C. Whittimore, Solley, Md.; Geo. W. Merritt, Elmer Stansbury, Jacob Norris, W. L. Gray, J. T. Gray, Jno. Diehl, Jno. T. Grace, Thos. Todd, Grange, Md.; J. W. Disney & Son, Admiral Md.; Dr. Friedhoffer, Odenton, Md.; C. Akehurst & Son, White-marsh, Md., and many others. Write for estimate, and we will cheerfully call on you and give you price, whether you deal with us or not.

Correspondence Solicited.

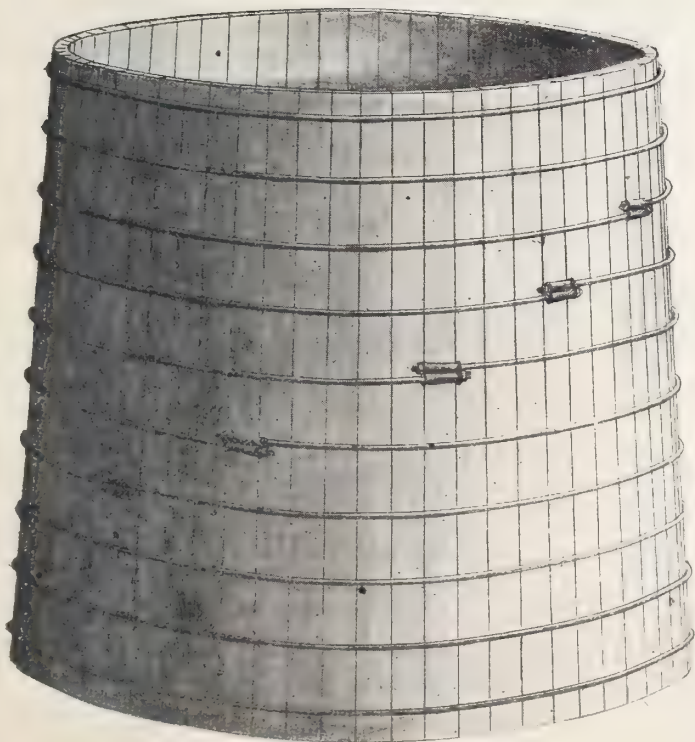
The Samson Windmill and Ideal Steel Towers.

The Samson Windmill is the result of long and scientific experimenting by competent engineers. Every part has been carefully considered and tried before being passed on as good enough for the Samson, which is the best windmill on earth. The peculiar feature of the Samson is that it has two sets of gearing to transmit the power to the pump; this double gearing is a big stride forward in windmill construction, and places the Samson in a class to itself. The Samson has four times the strength of any other windmill using the same amount of material. While we have mentioned the double gear feature, we have not the space to mention all of the good points of the Samson Mill. The construction of the wheel makes it wonderfully powerful and efficient. The extra long wheel shaft with long babbitted boxes gives great strength and solidity. One of the most valuable special features of the Samson Windmill is the governor, which is so contrived that it insures almost perfect immunity of the mill from injuries in destructive storms. The Samson Mill is equipped with simple and effective brake and throw-out reels.

The Ideal Towers have proven themselves to be the strongest and best. If properly erected they are warranted not to break, buckle or blow down unless the anchorage gives way.

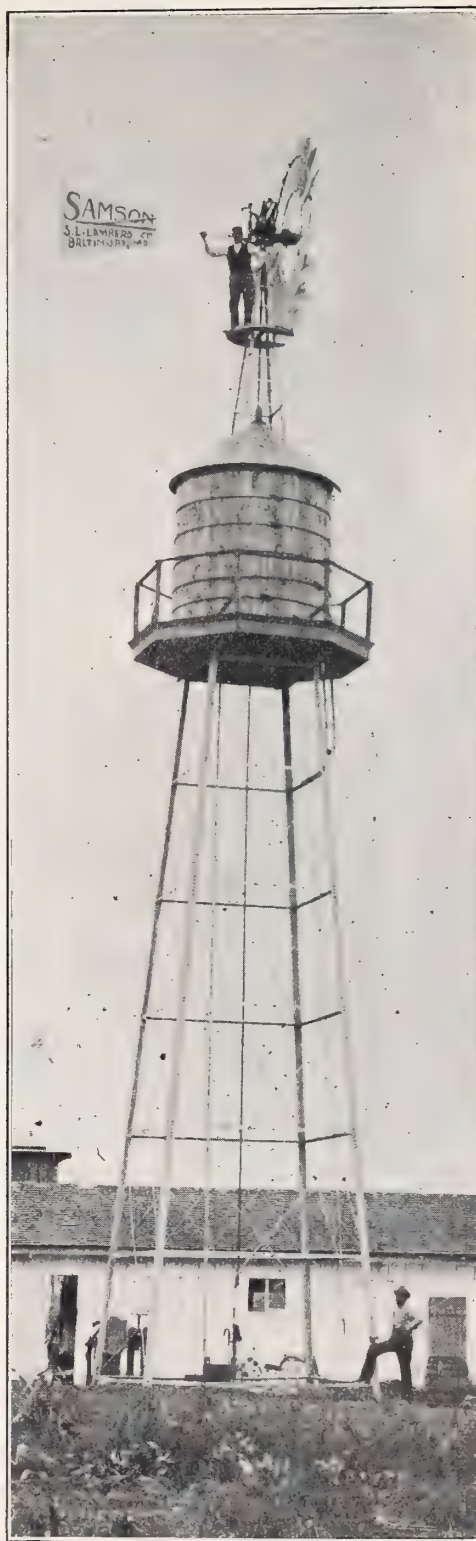
**SEND FOR SPECIAL ILLUSTRATED CATALOGUE
AND PRICES.**

Wooden Tanks.



Wooden Tanks, made of White Pine or Cypress, with flat or conical-shaped tops. Sizes, for any capacity required, from 100 gallons up. Prices furnished on application.

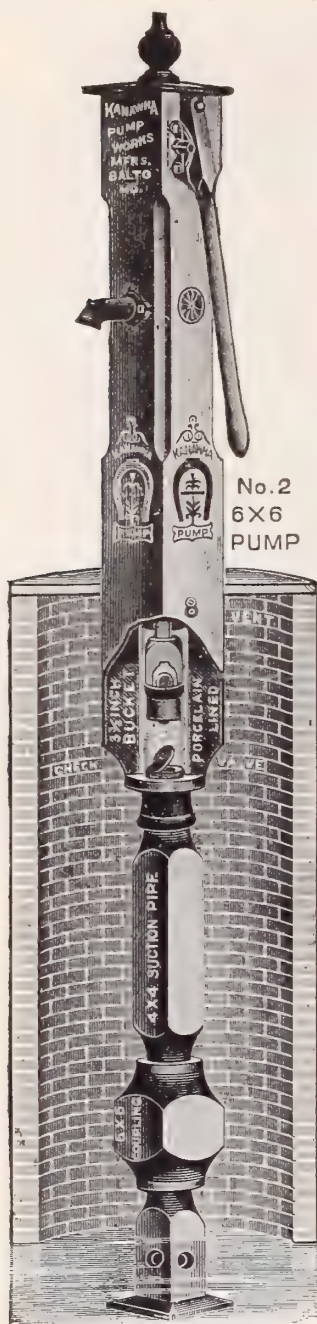
Windmill Outfits Erected by Competent Men.



The above outfit is one which we erected for Mr. F. M. Clotworthy of Baltimore at his place in Harford County, Maryland.

The storage tank is mounted on a sub-structure and the windmill tower is built up from the bottom of the tank. This makes a very fine outfit.

Estimates Cheerfully Furnished.



KANAWHA PUMP

KANAWHA WOOD PUMPS.

When there is question of selecting a pump no one should decide in favor of a low price, unreliable pump. Buy a good pump always. The difference in cost is very slight, and the satisfaction given by a good pump, to say nothing of the longer wear, will make it by far the cheaper in the end. Kanawha Pumps have for many years been regarded as the best wood pumps ever offered. The prices given are for pumps fitted, ready to set in well.

Depth of Well from platform to the bottom.	No. 2-6x6 Porcelain-Lined Pumps.	No. 3-6x6 Unlined Pumps.	Depth of Well from platform to the bottom.	No. 2-6x6 Porcelain-Lined Pumps.	No. 3-6x6 Unlined Pumps.
8 feet,	\$ 8.40	\$6.90	21 feet,	\$11.65	\$10.15
9 "	8.60	7.10	22 "	11.85	10.35
10 "	8.80	7.30	23 "	12.45	10.95
11 "	9.00	7.50	24 "	12.65	11.15
12 "	9.20	7.70	25 "	13.25	11.75
13 "	9.40	7.90	26 "	13.45	11.95
14 "	9.86	8.36	27 "	14.45	12.95
15 "	10.08	8.58	28 "	14.65	13.15
16 "	10.30	8.80	29 "	15.65	14.15
17 "	10.52	9.02	30 "	15.85	14.35
18 "	11.05	9.55	31 "	16.85	15.35
19 "	11.25	9.75	32 "	17.05	15.55
20 "	11.45	9.95	"	"	"

RED JACKET "EASY-TO-FIX" IRON PUMPS

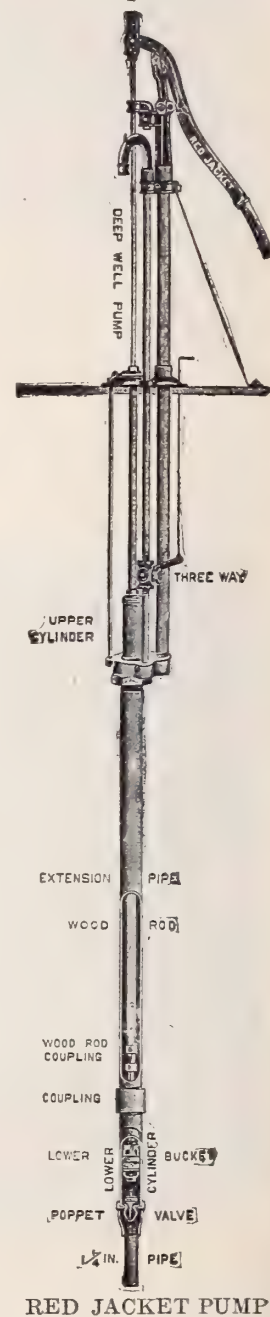
Working parts may be drawn up through platform without taking pump out of well, thus saving lots of trouble and expense in making repairs. Red Jacket Pumps are famous for their reliability.

Prices Given are for Pumps Fitted Complete.

Depth of Well from Platform to Bottom.	Fig. 28, No. 1 Double-Acting Pump with 3-in. Cylinder.	Depth of Well from Platform to Bottom.	Fig. 32, No. 8, Double-Acting Pump, with 2½ in. Extension Pipe and Cylinder.
10 feet.....	\$15.75	28 feet.....	\$25.50
12 feet.....	16.25	30 feet.....	26.50
14 feet.....	16.75	32 feet.....	27.50
16 feet.....	17.25	34 feet.....	28.50
18 feet.....	17.75	36 feet.....	29.50
20 feet.....	18.25	38 feet.....	30.50
22 feet.....	18.75	40 feet.....	31.50
24 feet.....	19.25	42 feet.....	32.50
26 feet.....	19.75	44 feet.....	33.50
		46 feet.....	34.50
		48 feet.....	35.50
		50 feet.....	36.50
		Each extra foot..	Add 50c.

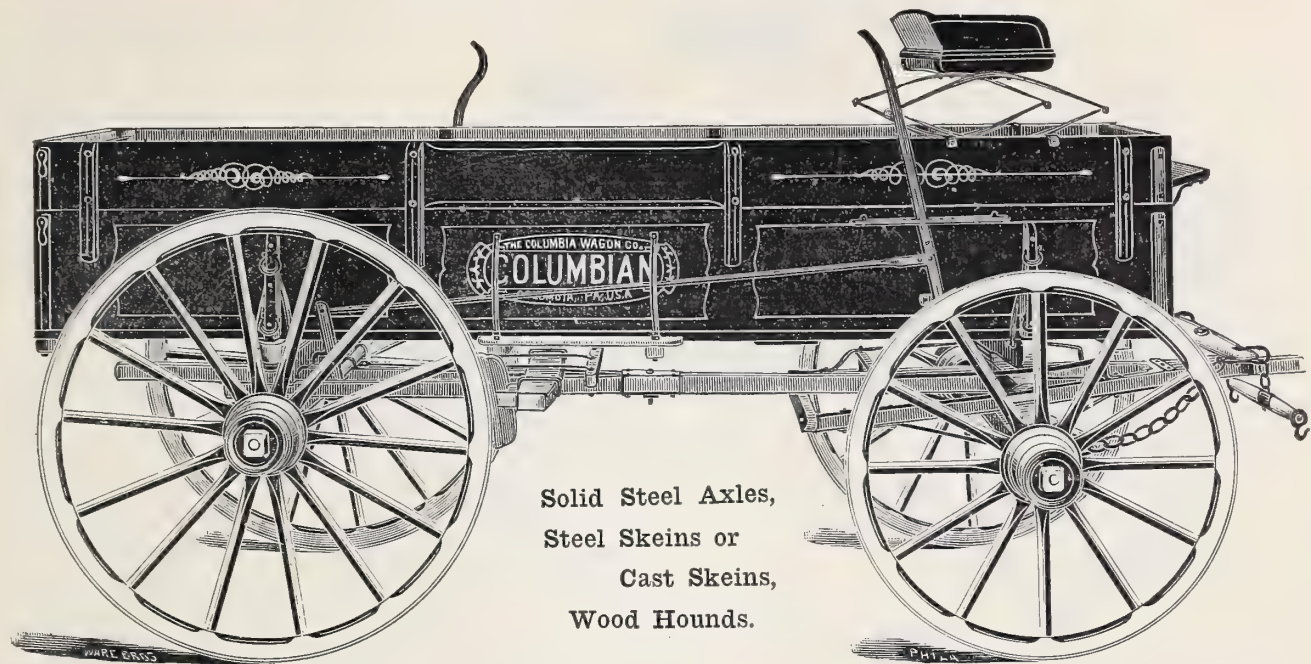
KANAWHA PORCELAIN LINED EXTENSION PUMP.

Depth of Well from platform to bottom.	With 7x7 Pump head.
31 feet.....	\$19.90
32 feet.....	20.55
33 feet.....	21.20
34 feet.....	21.85
35 feet.....	22.50
36 feet.....	23.15
37 feet.....	23.80
38 feet.....	24.45
39 feet.....	25.10
40 feet.....	25.75
If over 40 ft., add 65c. per ft.	



Three-Way Extra, add to list \$3.00. Special Discount on Pumps.
We also Handle Myers Iron Pumps.

Columbian Wagons.



Columbian Wagons are too well known in this section to need much of an introduction. For several years we have been furnishing them to our trade, and our increasing sales testify to their popularity. The secret of the success of the Columbia Wagons is real worth, real merit, a first-class wagon of the proper pattern. If you have had no personal experience with these wagons, ask the people who have them how they like the Columbia. It will pay you to find out about them before buying a wagon.

We have these wagons built especially to meet the requirements of the trade in this locality. All materials thoroughly air-dried. Every portion of the woodwork of our gears and wheels made waterproof by being saturated in boiled linseed oil. Axles, best quality gun metal steel (fully guaranteed against breakage), and six-year dry hickory axles, fitted with either steel or cast skeins, best in the market. Our hubs are New York State Black Birch. Spokes, best Pennsylvania White Oak, thoroughly seasoned. Felloes, best XX Pennsylvania and Eastern White Oak. Bodies, best grade Yellow Poplar.

No.	Size of Axle.		Size of Tire.	Width of Body.	Length of Body.	Carrying Capacity.	Shipping Weight.	Price, complete as shown in cut.
	Solid Steel.	Steel Skein.						
301	1 3/4	.....	1 1/2 in. x 3/4 in.	3 ft. 6 in.	9 1/2 ft.	1800 lbs.	600 lbs.	\$65.00
302	1 1/2	2 3/4 x 8	2 in. x 1/2 in.	3 ft. 6 in.	9 1/2 ft.	2500 lbs.	700 lbs.	75.00
303	1 5/8	3 x 9	3 in. x 1/2 in.	3 ft. 6 in.	10 ft.	3500 lbs.	900 lbs.	85.00
304	1 3/4	3 1/4 x 10	4 in. x 3/4 in.	3 ft. 8 in.	10 1/2 ft.	4500 lbs.	1000 lbs.	100.00
305	2	3 1/2 x 11	4 in. x 3/4 in.	3 ft. 8 in.	11 ft.	6500 lbs.	1100 lbs.	110.00

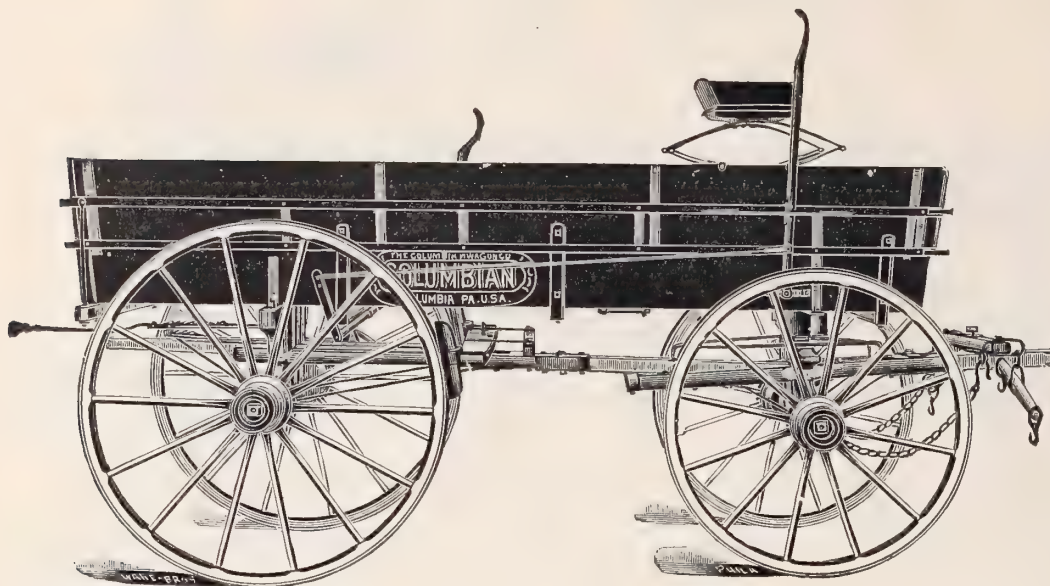
If wanted without beds, deduct \$10.00. Rear Ratchet Brake, extra, \$4.00.

COLUMBIAN WAGONS WITH WOOD AXLES AND CAST SKEINS.

No.	Size of Axles.	Size of Tire.	Width of Body.	Length of Body.	Carrying Capacity.	Shipping Weight.	Price, complete.
72.....	2 3/4 x 8	2 in. x 1/2 in.	3 ft. 6 in.	9 1/2 ft.	2200 lbs.	700 lbs.	\$70.00
73.....	3 x 9	3 in. x 1/2 in.	3 ft. 6 in.	10 ft.	3000 lbs.	900 lbs.	80.00
74.....	3 1/4 x 10	4 in. x 3/4 in.	3 ft. 6 in.	10 1/2 ft.	4000 lbs.	1000 lbs.	90.00

Columbian Wagons are Deservedly Popular.

Columbian Wagon, with Avondale Hardwood Body.

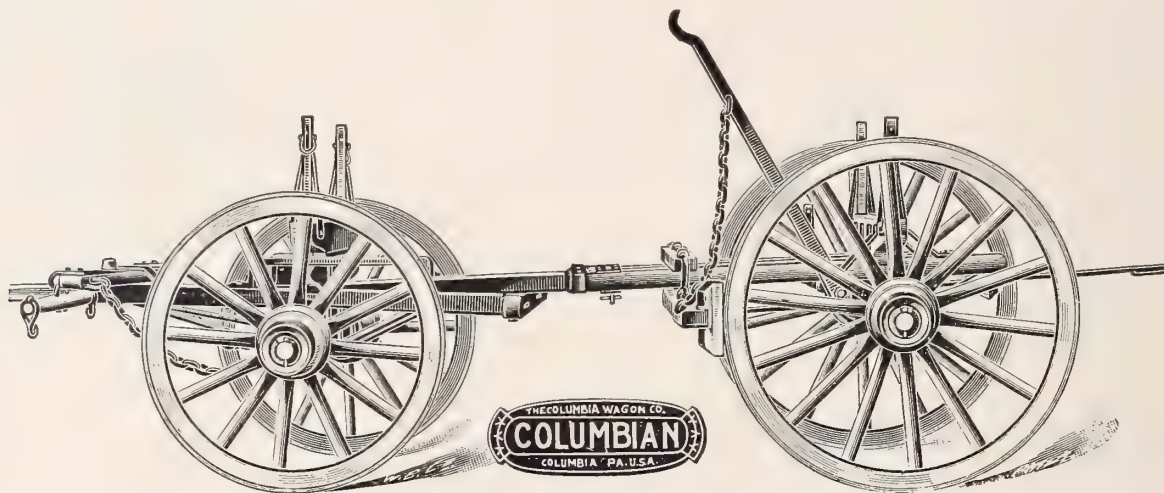


We can furnish any size of our Farm Wagons with our celebrated Avondale Body. This is an old-style, home-made oak bed, with drop end gate. The wagons with this body cost a trifle more, but they are well worth the difference. The additional cost for this body on Columbian Wagons is \$12.50 To find the

cost of a Columbian Wagon, with Avondale Body, add this difference to the price stated on page 117 for Complete Wagons.

COLUMBIAN SOLID STEEL AXLE GEAR. Furnished also with Steel Skein Axles.

These Gears are built to meet the requirements of the farmers in this section. They are in a class to themselves. They are regularly built with our heavy gun metal steel axles, with either linch pins or nuts. These axles are guaranteed against breakage. The sand bolsters are extra high, which permits a very short turn. Special long hounds and round or square coupling pole. Rear brake is very powerful and easily handled. It is equal to, or better than, any rear brake that can be put on by any blacksmith. We have built up a fine trade on this wagon, because it is the style gear the farmers want.

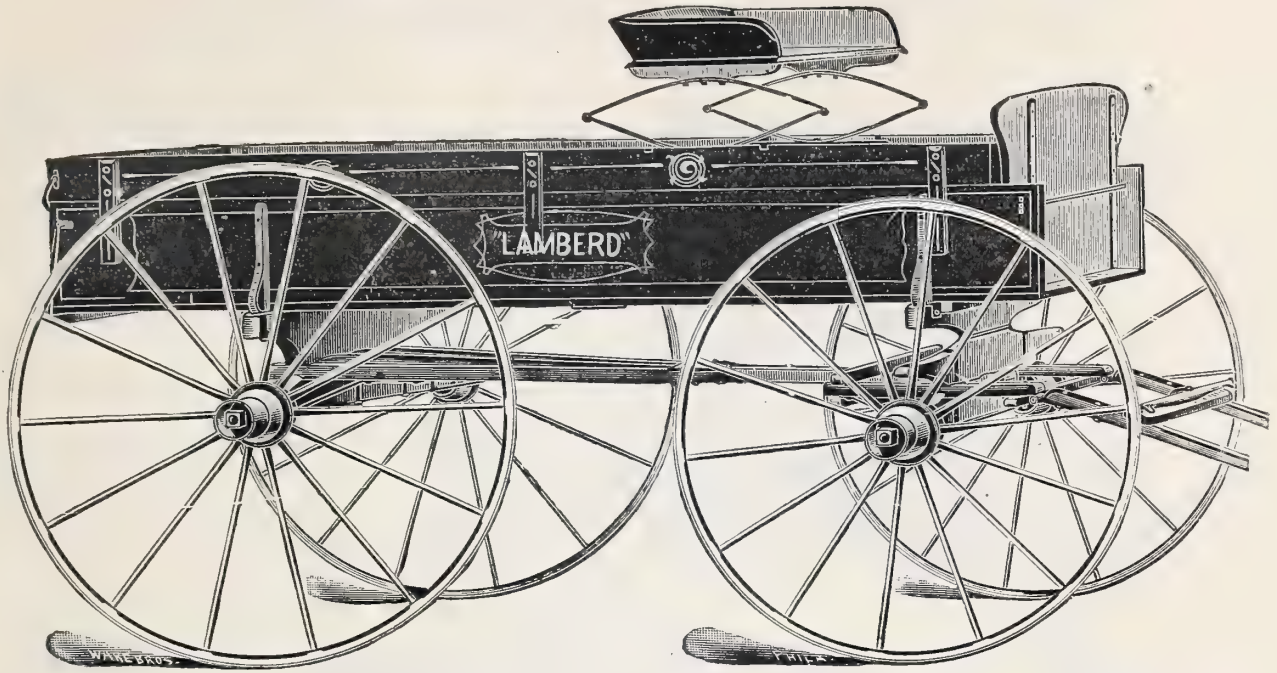


No.	Size of Axle.		Size of Tire.	Carrying Capacity.	Shipping Weight.	Price of Gear with Rear and Side Brakes, as Illustrated.
	Solid Steel.	Steel Skein.				
444.....	1 $\frac{3}{4}$	3 $\frac{1}{4}$ x 10	4 x $\frac{5}{8}$	4500 lbs.	1000 lbs.	\$100.00
445.....	2	3 $\frac{1}{2}$ x 11	4 x $\frac{3}{4}$	6500 lbs.	1100 lbs.	105.00
446.....	2 $\frac{1}{4}$	3 $\frac{3}{4}$ x 12	4 x $\frac{7}{8}$	9000 lbs.	1200 lbs.	115.00
447.....	2 $\frac{1}{2}$	4 x 12	4 x 1	10000 lbs.	1400 lbs.	130.00
448.....	2 $\frac{3}{4}$	.....	4 x 1	12000 lbs.	1600 lbs.	145.00

These Wagons furnished with Linch Pin or Nut Axles.

Prices Subject to Change Without Notice.

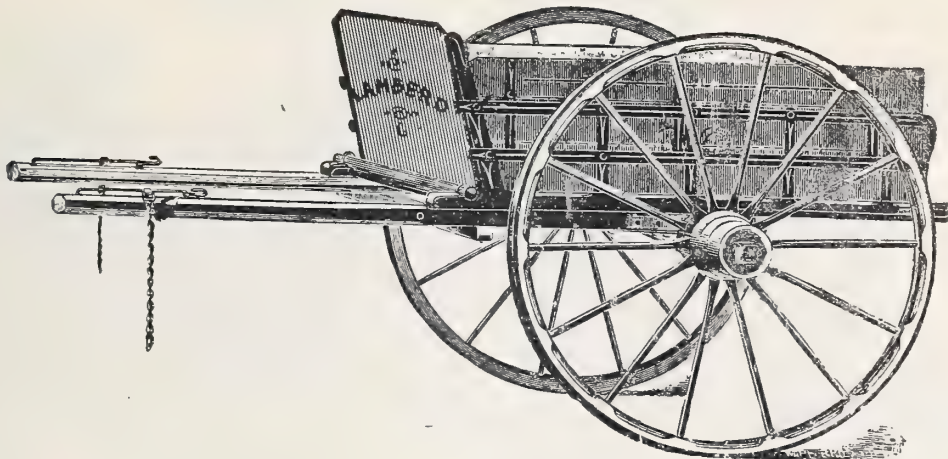
Lamerd One-Horse Wagon.



This wagon has established a reputation of which we are justly proud. $1\frac{1}{4}$ in. steel axles. Warner wheels 3 ft. 6 in. and 4 ft. high. Tires, regular, $1\frac{1}{4}$ x5-16 in. Body, 9 ft. long, lower box 10 in., top box 4 in., 3 ft. 6 in. wide. We call attention to the fact that the body of this wagon is one foot longer than on most one-horse wagons. These wagons have the front hounds arranged that a drop tongue can easily be fitted. Price, \$40.00. Tongue, \$7.00 extra.

No. 2. One-Horse Wagon. Similar to above, but with $1\frac{3}{8}$ in. axles and 2 in. tires. Capacity, 1,800 lbs. Price, complete with brake and shafts, \$50.00. Tongue, \$7.00 extra.

Farm and Contract Carts.



Our carts are built of hard wood, good, dry stock. Bodies have 6 in. top sides. Wood hub wheels. The sizes we mention are those most popular with our trade, but we can furnish any size desired. The carts are nicely finished and handsomely painted. They have but to be seen in comparison with others to be appreciated.

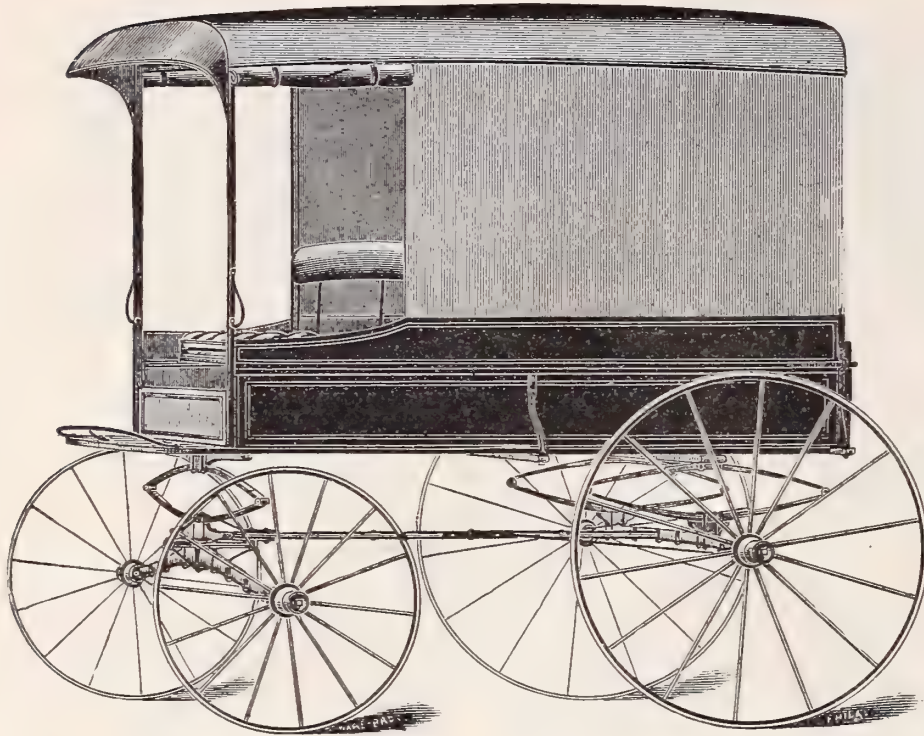
No. 38. Farm Cart. $1\frac{1}{2}$ in. axle, $3\times\frac{1}{2}$ in. tire; body, 3 ft. wide, 5 ft. 1 in. long, 11 in. deep, without top sides; capacity, 1,000 lbs. Price, \$40.00. Same cart, with tire $2\times\frac{1}{2}$ in., \$37.50.

No. 41. Farm or Lawn Cart. $1\frac{3}{4}$ in. axle, $4\times\frac{1}{2}$ in. tire; body, 3 ft. wide, 5 ft. 4 in. long, 12 in. deep. Price, \$45.00.

No. 42. Contract Cart. 2 in. axle, $3\times\frac{1}{2}$ in. tire; body, 3 ft. 1 in. wide, 5 ft. 10 in. long, 13 in. deep, without top sides; capacity, 2,000 lbs. Price, \$47.50. Same cart, with 4 in. tires, \$52.00.

Estimates on Special Work Cheerfully Furnished.

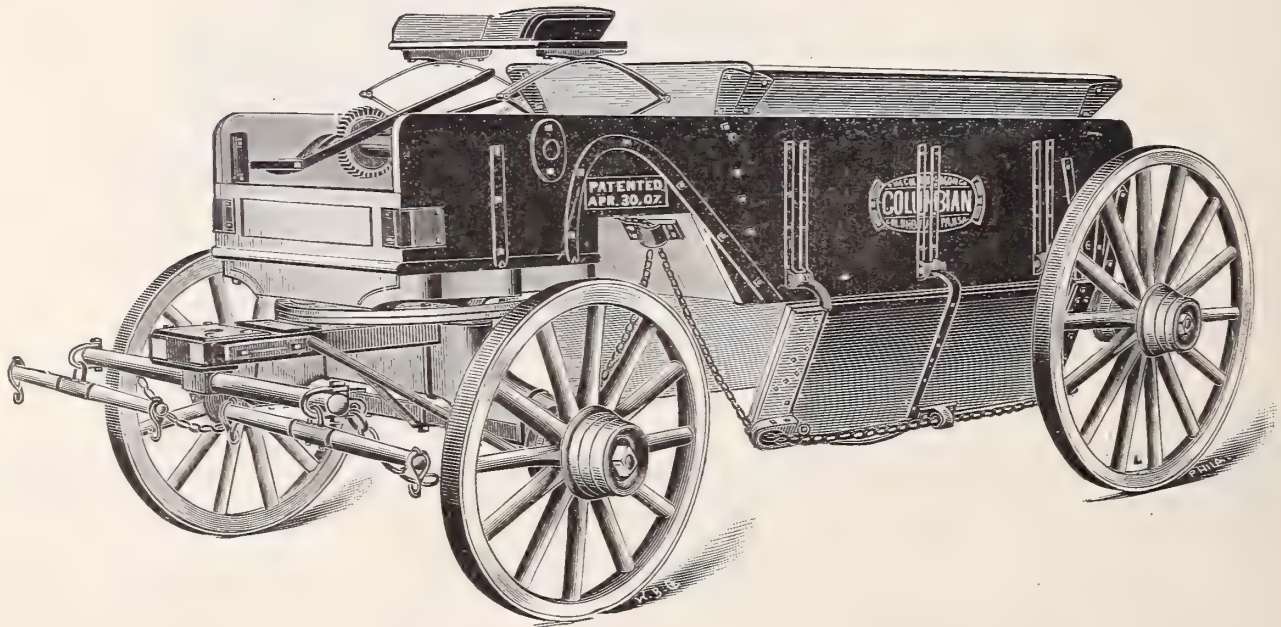
Our Three Spring Top Wagon.



The accompanying cut shows our Three-Spring, Curtain Top Wagon. We furnish the same wagon with panel top, as this style top is very popular with some of our customers. High-grade Warner wheels, $1\frac{1}{4}$ in. steel axles, full elliptic springs, five leaf in front and four leaf in back; body, 6 ft. by 3 ft. 6 in., inside measure; either high or low front wheels; color of gear, yellow, or red; color of body, green, red or wine color; capacity, 1,400 lbs. Price, \$100.00.

Same style wagon, with $1\frac{1}{8}$ in. axle, 1,000 lbs. capacity, \$5.00 less. With $1\frac{1}{2}$ in. axle, 2,000 capacity, \$15.00 more.

Columbian Dump Wagon.

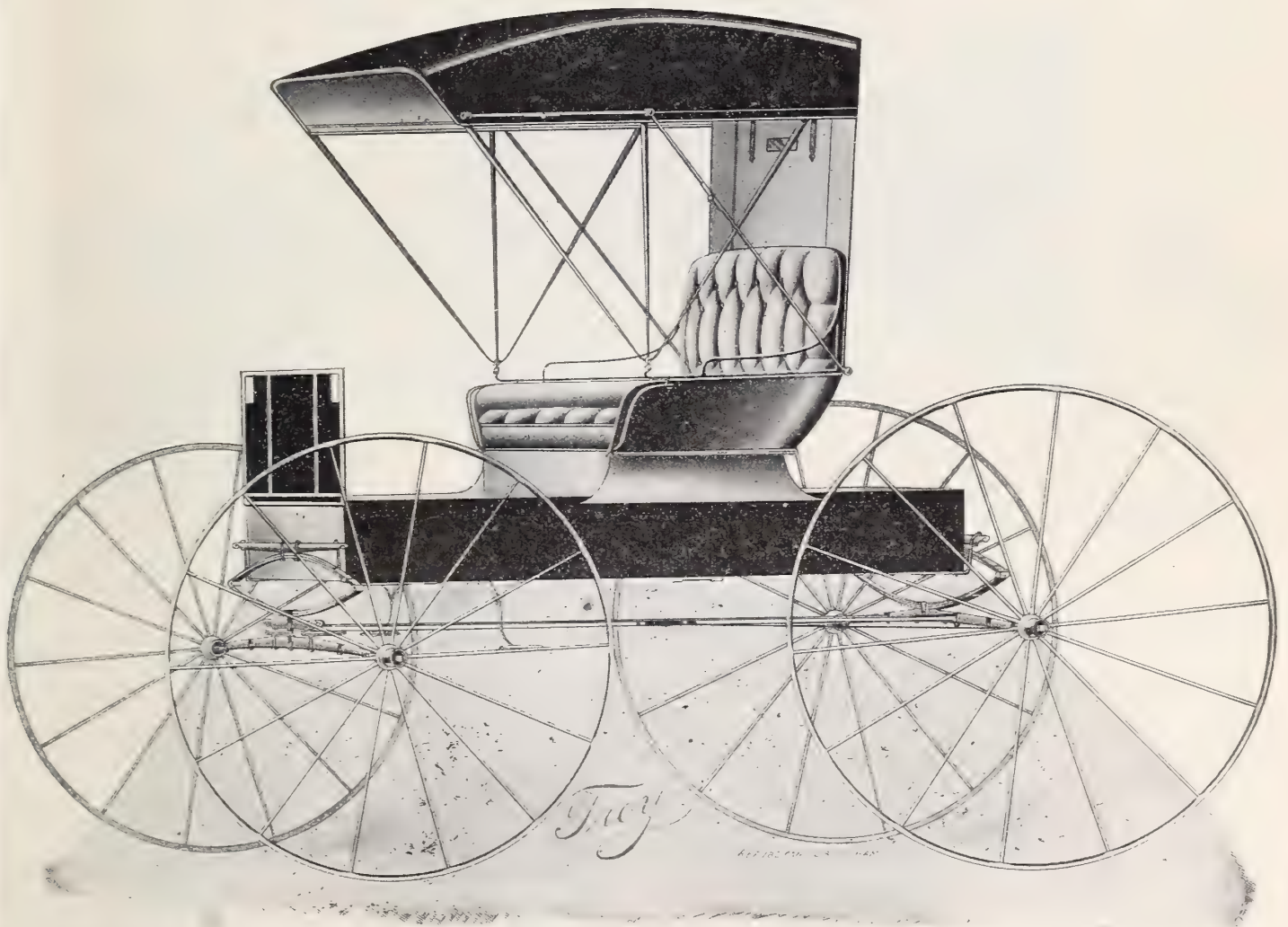


The best built, lightest draft, and easiest to operate dump wagon on the market. Guaranteed shortest coupled dump wagon, thus making it lightest draft. Made in two sizes, $1\frac{1}{2}$ and 2 yard, the $1\frac{1}{2}$ yard being most popular. Front axle 2 in., rear axle $2\frac{1}{8}$ in. and rear axle arched, this being a great advantage when moving wagon after dumping the load. Made standard tread, and tires 3 in. or 4 in. face, as wanted. Price, $1\frac{1}{2}$ yard, 3 in. tire, \$140.00; $1\frac{1}{2}$ yard, 4 in. tire, \$145.00.

Carriage Department.

The illustrations on this and the following pages will give to our readers an idea of our leading styles in this department. On account of our limited space we are unable to illustrate here our full line, but we shall be pleased to furnish, upon application, special descriptions of our carriages and name our prices. On the point of prices we lay special stress. We are in a position to handle our carriages at a very close margin of profit. Why? Simply because the additional expense of running this department in conjunction with our other business is very slight. This is an important consideration, which acts in favor of our customer. As to the grade of our work, we handle all grades. We have work to suit a wide range of tastes and everyone's finances. Rest assured that no matter what you buy from us you get good, liberal value for your money, and we give a broad, substantial guarantee, which we stand back of.

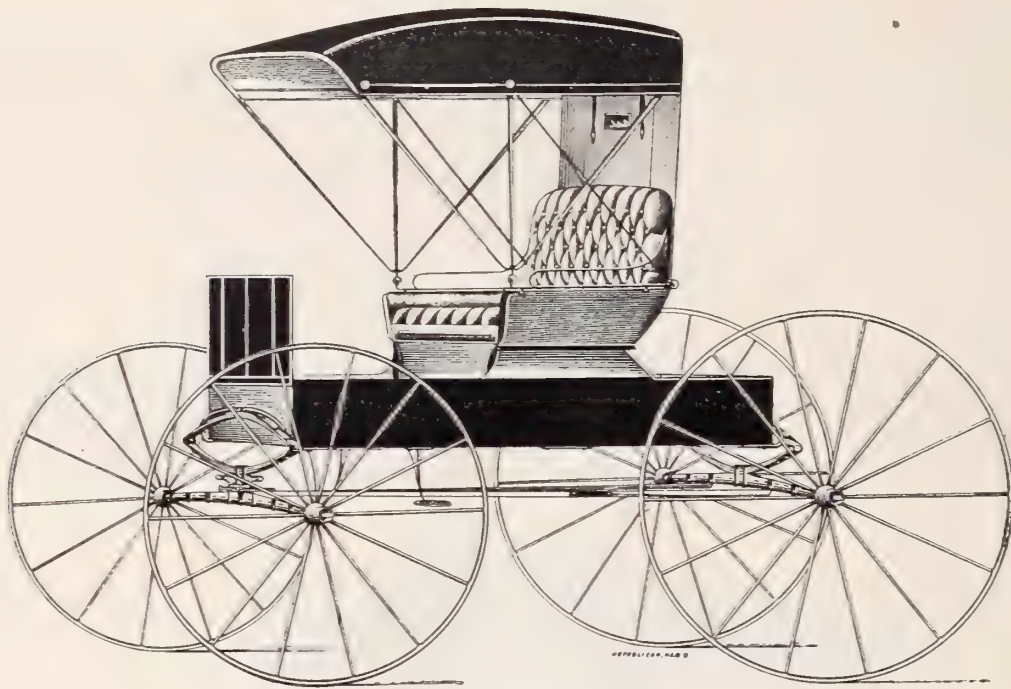
In our carriage showrooms, which are on the first and second floors of our building, we will have set up about fifty jobs which will give our customers a fine selection. If you cannot favor us with a call, we would be pleased to be given an opportunity to correspond with you in regard to anything in our line which may interest you, and we think we can save you money.



The above cut shows the Troy Buggy, which we consider as good as any high-grade buggy sold in this city. We have a full line set up in our repository, steel or rubber tired.

Special Information and Prices Cheerfully Furnished.

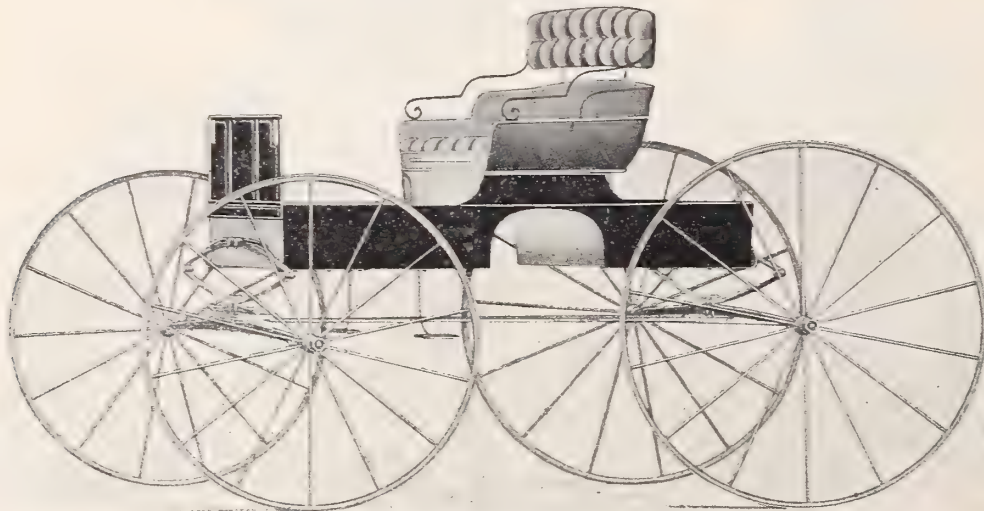
Top Buggies



PIANO BOX TOP BUGGY.

The accompanying cut illustrates our Piano Box Top Buggy. This is the most popular style, and we have a large assortment of them. We have them from the lowest grade to the highest, with steel tires or rubber tires; with gum, leather quarter and full leather top and with various styles of painting and trimming.

Cut-Under Runabouts.

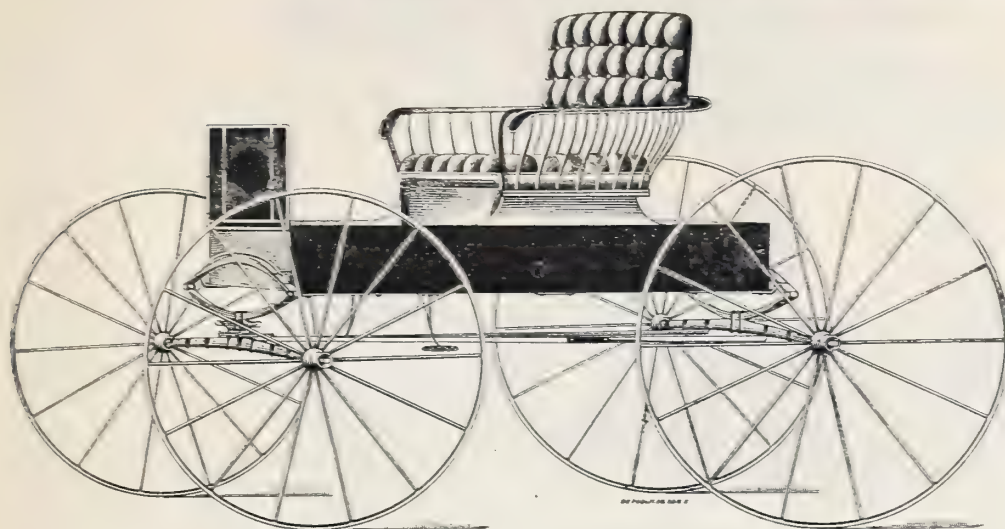


PANEL SEAT CUT UNDER RUNABOUT.

This class of runabout, or driving wagon, is very popular and we have several styles from which to select. These wagons are well built and handsomely finished. Description and prices on application.

Special Information and Prices Cheerfully Furnished.

Piano Box Runabout.

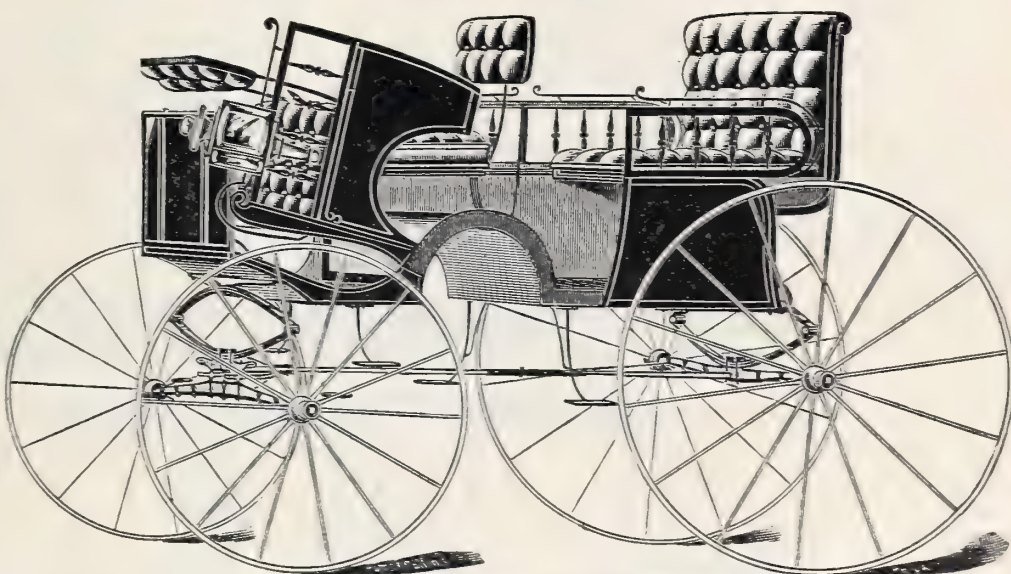


STICK SEAT PIANO BOX RUNABOUT.

These are undoubtedly the most popular living wagons that have ever been offered. We have them in several grades, with steel or rubber tires, and with the style of gear shown in cut, or with bike gear. Write for description and prices.

Portland Trap.

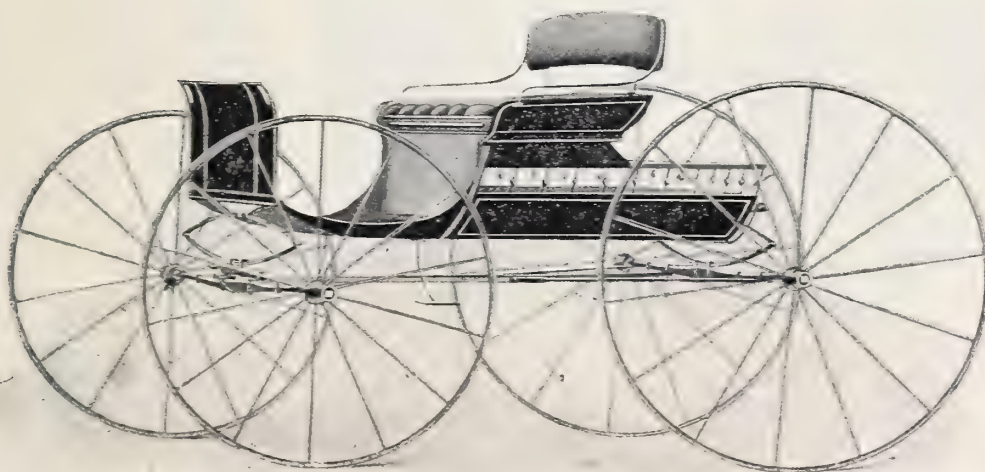
This is a very popular cut-under vehicle. It is light and adapted for one horse. Prices and description of this and other Traps will be sent on application.



PORTLAND TRAP (CUT UNDER).

Road Wagons.

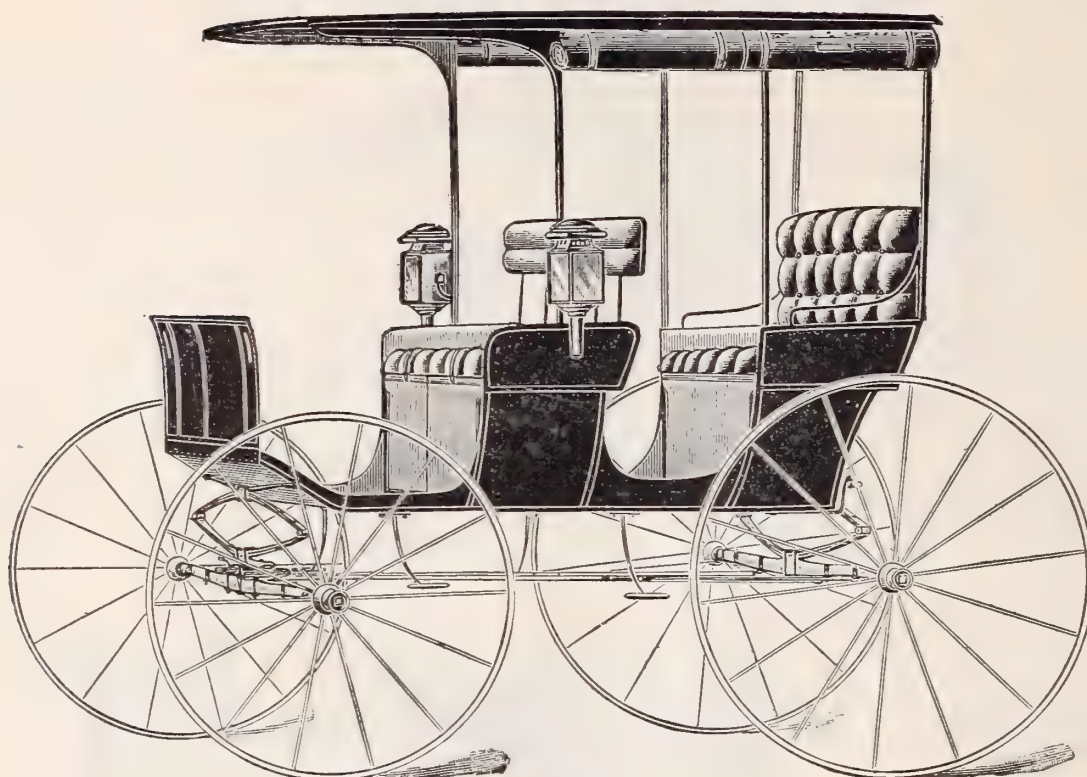
The Road or Spindle Wagon illustrated by the accompanying cut is a very handy and useful vehicle. We have several styles and can offer them very low in price. Write for particulars.



STICK SEAT ROAD WAGON.

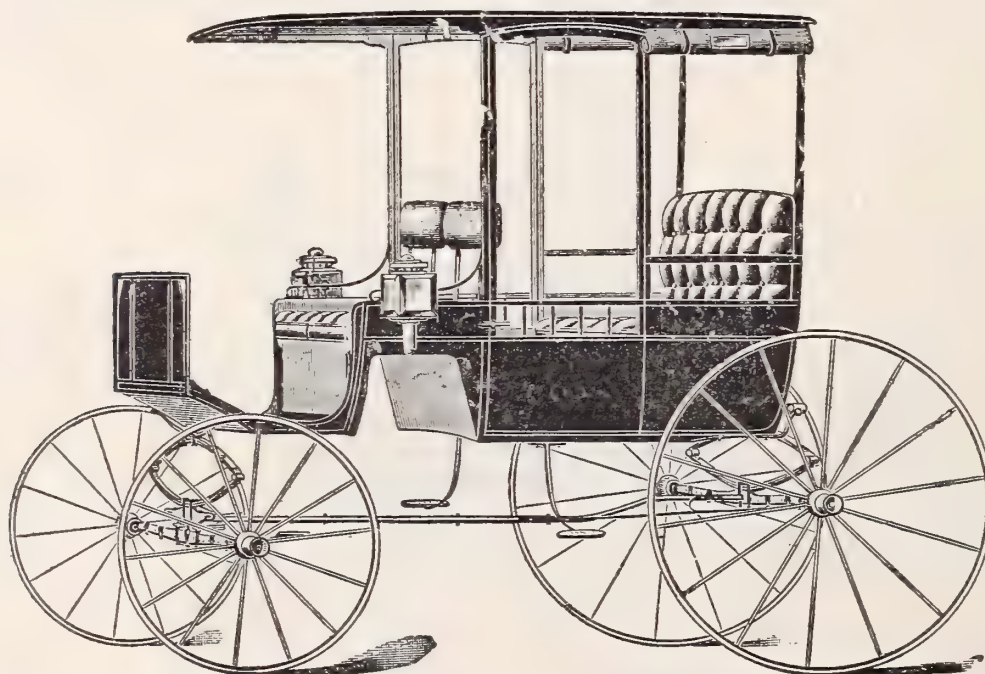
Visit Our New Carriage Show Rooms.

Standing Top Surrey.



The Standing Top Surrey, with split seat, as shown by the above illustration, is a very popular, four-passenger vehicle. It is very light and short coupled. Can be furnished with stick seats if desired. Catalogue of this and several other styles Standing Top Surreys and prices furnished on application.

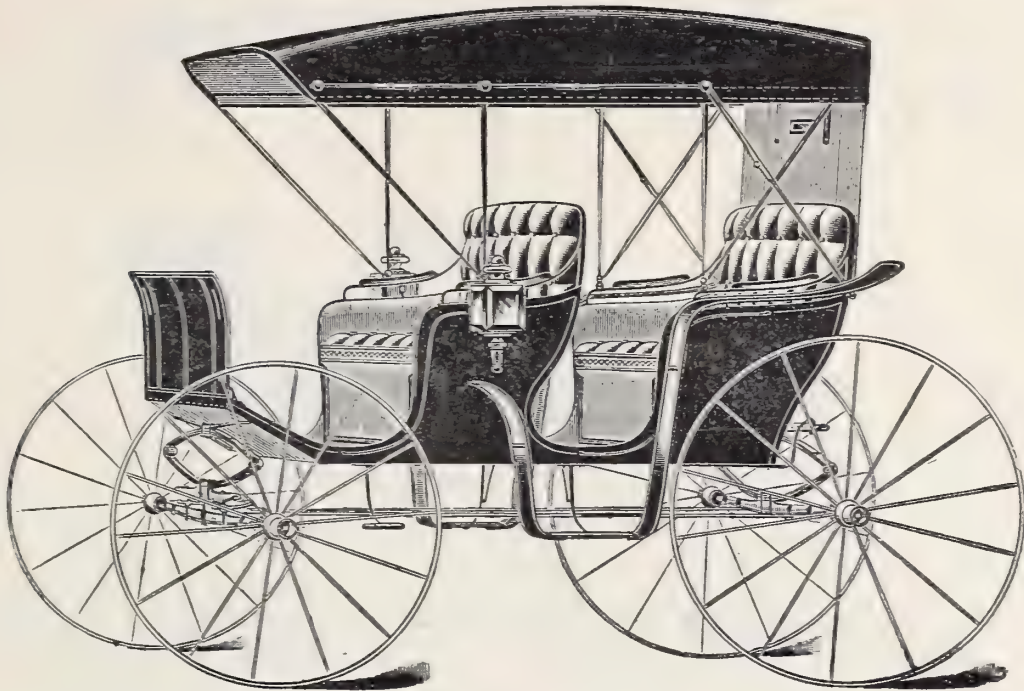
Rockaway.



A light carriage, adapted for one horse. This type of carriage can be furnished in several styles. It is made either open, as shown in cut, or with shifting Winter Front and Sash Doors. The Rockaway has for a long time been one of the most popular carriages. Prices and detailed description furnished on application.

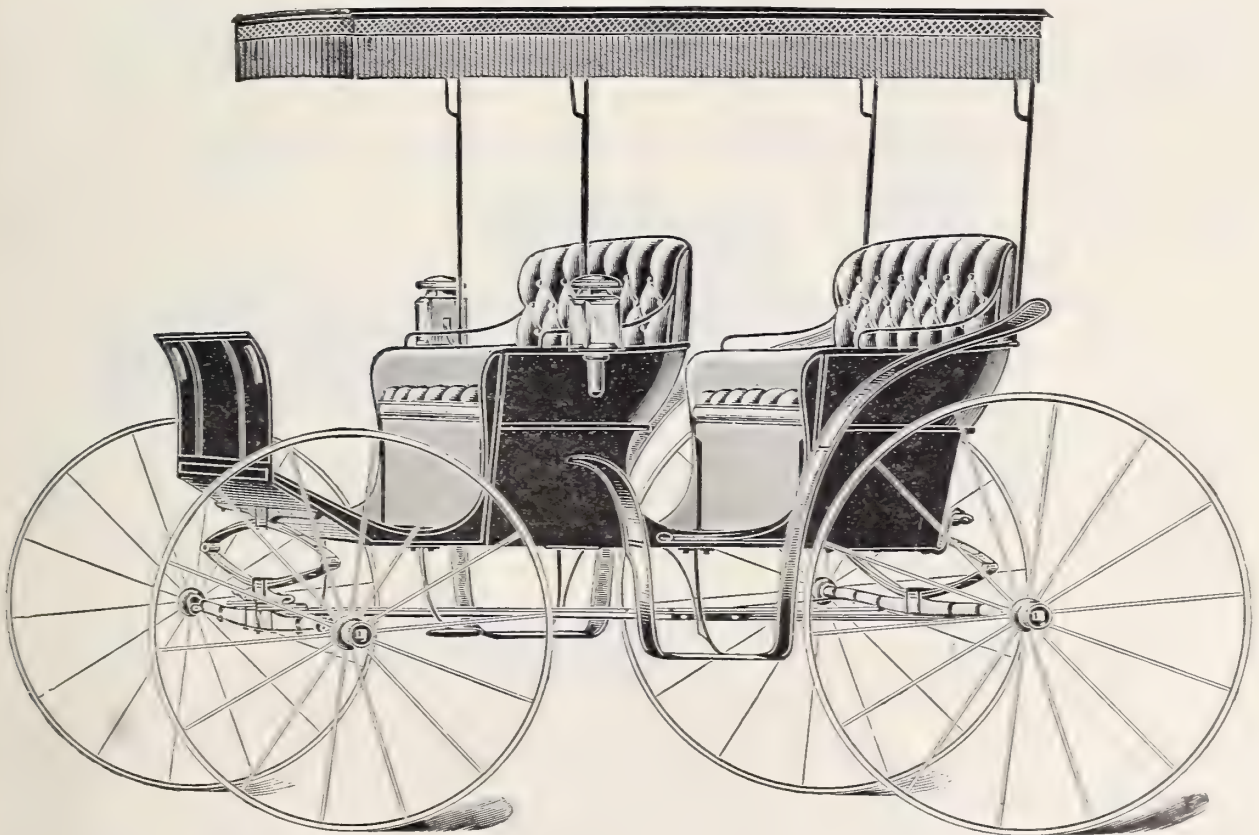
“General Excellence and Low Prices” is our Motto.

Extension Top Surrey.



The illustration above shows a light, straight bottom Surrey, with Extension Top. We can furnish Surreys with either straight or cut-under bottom. Write for prices and description.

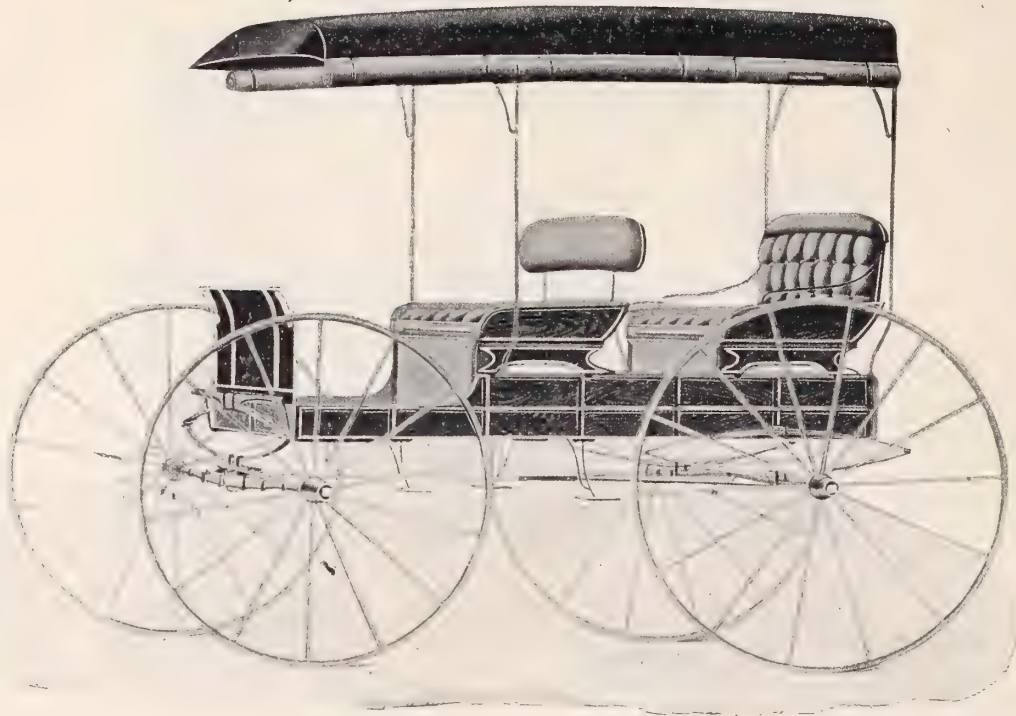
Canopy Top Surrey.



The illustration above shows a light, straight bottom Surrey, with Canopy Top. We can furnish Surreys with either straight or cut-under bottom. Write for prices and description.

Send for Special Catalogue and Prices.

Dayton Wagon.



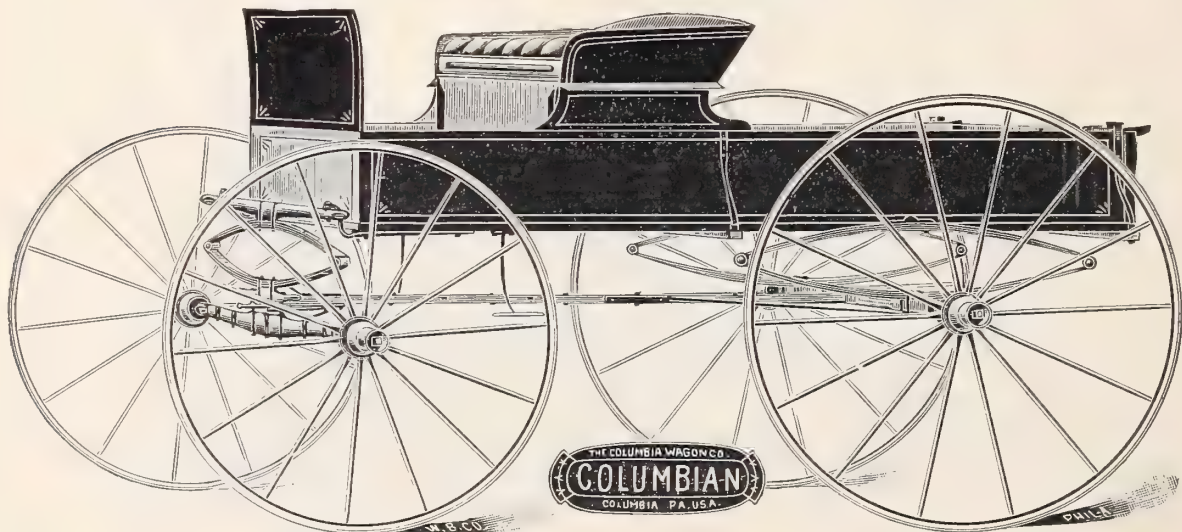
We show above a light four-post Dayton Wagon. We furnish these Daytons also with six posts and in several grades giving a choice of finishes. Prices and description on application.

Groton Speeding Cart.

The Groton Speeding Cart compares favorably in style material and finish to the higher-priced carts. It is exceptionally good value for the money. Send for circulars. Price, \$45.00.

Regular Farmers' Road Cart. Price, \$17.00.

Our Light Milk or Runabout Wagon.



This Wagon is handy and very serviceable. Light substantial and very easy running, it is a most convenient wagon for creamery and farm purposes. Built with Warner Wheels, Double-Collared Steel Axles and Oil Tempered Eliptic Springs. Neatly finished.

Axles, 1 in.; height of wheel, 3 ft. 6 in. front, 3 ft. 10 in. hind; tire, 1x1¼ in.; length of body, 6½ ft.; width of body, 3 ft.; carrying capacity, 800 lbs.; shipping weight, 400 lbs. Price, with brake, \$50.00. 1½ axle; carrying capacity, 1,000 lbs.; shipping weight, 450 lbs. Price, \$52.50. Extra seat and cushion, \$4.00.

Estimates on Special Work Cheerfully Furnished.

Harness.

No. 7001. SINGLE BUGGY HARNESS.

Bridle, $\frac{5}{8}$ in.; Reins, $\frac{3}{4}$ in., all Leather; Breast Collar, $1\frac{1}{2}$ in., single Leather, with 1 in. doubled and stitched Traces attached; Saddle, $2\frac{1}{2}$ in., Patent Leather; Breeching, $1\frac{1}{2}$ in., single Leather; $\frac{3}{4}$ in. Turnback; $\frac{5}{8}$ in. Hip Straps; $\frac{3}{4}$ in. Breeching Straps; Mounting, xc. Price, \$7.00.

Same Harness, with Collar and Hames. Price \$7.50.

No. 7201. SINGLE BUGGY HARNESS.

Bridle, $\frac{5}{8}$ in.; Reins, $\frac{3}{4}$ in., all Leather; Breast Collar, $1\frac{5}{8}$ in., folded; Traces, 1 in., doubled and stitched to buckle to Breast Collar; Saddle, $2\frac{1}{2}$ in., Patent Leather; Breeching, $1\frac{5}{8}$ in., folded; two $\frac{5}{8}$ in. Hip Straps; $\frac{3}{4}$ in. Turnback; $\frac{3}{4}$ in. Breeching Straps; Mountings, xc., or Japanned. Price, \$9.00.

Same Harness, with Collar and Hames. Price \$9.50.

No. 6031. SINGLE BUGGY HARNESS.

Bridle, $\frac{5}{8}$ in., Box Loops; Reins, $\frac{7}{8}$ in.; Breast Collar, $1\frac{3}{4}$ in., folded; Traces, $1\frac{1}{8}$ in., double and stitched; Saddle, 3 in.; Breeching, $1\frac{3}{4}$ in., folded; $\frac{3}{4}$ in. Turnback; $\frac{3}{4}$ in. Hip Strap; $\frac{7}{8}$ in. Breeching Straps; Mounting, Nickel Terrets and Hook, Balance, xc. Price, \$10.50.

Same Harness, with Collar and Hames, \$11.00.

No. 3681. SINGLE BUGGY HARNESS.

Bridle, $\frac{5}{8}$ in., Box Loops, Round Stay; Reins, $\frac{7}{8} \times 1\frac{1}{8}$ in., Steel Billets; Breast Collar and Breeching folded, waved layer; Traces, $1\frac{1}{8}$ in., doubles and stitched;

Saddle, 3 in., Leather lined; Mountings, Nickel or Imitation Rubber. Price, \$14.00.

Same Harness, with Collar and Hames. Price, \$15.00.

No. 2391. SINGLE BUGGY HARNESS.

Bridle, $\frac{5}{8}$ in., Box Loops, Round Stays; Reins, $\frac{7}{8} \times 1\frac{1}{8}$ in., Steel Billets; Breast Collar and Breeching, folded, Glove finished Leather, waved layer; Traces, $1\frac{1}{8}$ in., double and stitched; Saddle, 3 in., half-track, hand-laced Leather Pad; Mountings, Nickel or Imitation Rubber. Price, \$18.00.

Same Harness, with Collar and Hames. Price, \$15.50. Same Harness, with full, genuine Rubber Breast Collar. Price, \$20.00.

SINGLE STRAP OR TRACK HARNESS.

No. 7011. Bridle, $\frac{5}{8}$ in., Box Loops, Round Stays; Reins, $\frac{7}{8}$ in.; Breast Collar and Breeching, single Leather; Traces, $1\frac{1}{8}$ in. single Leather, attached to Breast Collar; Saddle, 3 in., Strap; Mountings, Imitation Rubber Terrets and Hook, balance Japanned.

Price, Straight Breast Collar, \$9.00. V-shaped Breast Collar, \$9.50.

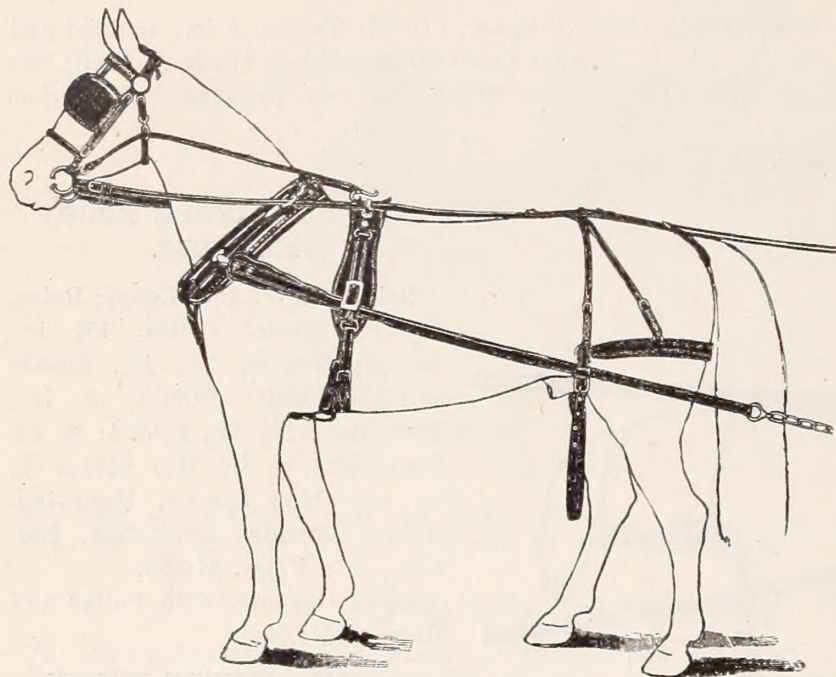
No. 901. Bridle, $\frac{5}{8}$ in., Box Loops, Round Stay; Reins, $\frac{7}{8} \times 1\frac{1}{8}$ in., Steel Billets; Breast Collar, $1\frac{5}{8}$ in., Single Leather, with $1\frac{1}{8}$ in. single Leather Traces attached; Saddle, 3 in., Gig, with hand-laced Leather Pad; Breeching, $1\frac{1}{2}$ in., single Leather; Mountings, Nickel or Imitation Rubber.

Price, Straight Breast Collar, \$12.50. V-shaped Breast Collar, \$13.00.

Harness.—(Continued).

No. 231. Bridle, $\frac{5}{8}$ in., Box Loops, Round Stays; Reins, $\frac{7}{8} \times 1\frac{1}{8}$ in., Steel Billets; Breast Collar, V-shaped, with $1\frac{1}{4}$ in. single Leather Traces attached; Saddle, 3 in., Strap, Leather Bottom; Breeching, $1\frac{3}{4}$ in., single Leather; Mountings, Nickel or Imitation Rubber. Price, \$13.00. Genuine Rubber, \$15.50.

No. 541. Heavy. Bridle, $\frac{5}{8}$ in., Box Loops, Round Stay; Reins, $\frac{7}{8} \times 1\frac{1}{8}$ in., Steel Billets; Breast Collar, wide, V-shaped, with $1\frac{1}{4}$ in. single Leather Traces attached; Saddle, 3 in., full track, hand-laced Leather Pad; Breeching, $1\frac{5}{8}$ in., single Leather; Mountings, Nickel or Imitation Rubber. Price, \$16.00. Genuine Rubber, \$17.50.



DOUBLE BUGGY HARNESS.

No. 191. Bridles, $\frac{5}{8}$ in., Box Loops, overdraw Check Reins; Reins, $\frac{7}{8} \times 1$ in., russet hand parts; Iron Hames, Box Loop, Patent Leather Tops, fancy bound housings in one piece; Yoke Straps, $1\frac{1}{8}$ in.; Mountings, Nickel or Imit. Rubber. Price, complete, \$27.50.

No. 351. Bridles, $\frac{5}{8}$ in., Box Loops, overdraw Check Reins; Reins, $\frac{7}{8} \times 1\frac{1}{8}$ in., Black Steel Billets; Iron Hames, Box Loop, Patent Leather Tugs; Collar, all Kip; Pads, Patent Leather, with separate Patent Leather housings; Yoke Strap, $1\frac{1}{8}$ in.; Mountings, Nickel or Imit. Rubber. Price, complete, \$31.50.

No. 201 SINGLE EXPRESS HARNESS.

Bridle, $\frac{5}{8}$ in., Box Loops; Reins, 1 in.; Hames, Red Wood, Box Loop Tugs; Collar, all Kip Team; Traces, $1\frac{1}{2}$ in.; Saddle, 5 in.; Kersey Pad Breeching, $2\frac{1}{8}$ in., fold with lay; Mountings, Nickel or Brass. Price, \$22.50.

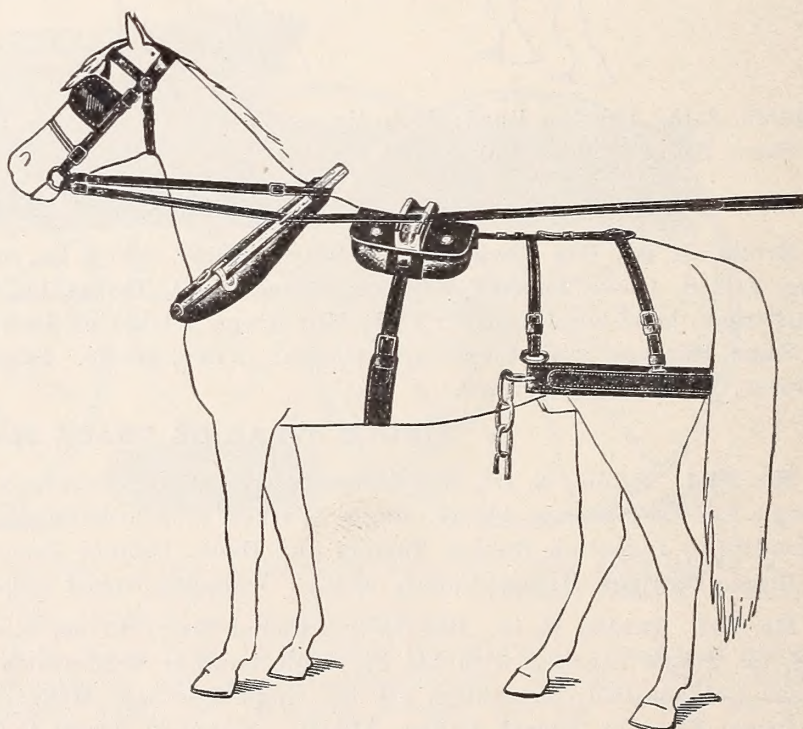
No. 261. As above, with $1\frac{1}{4}$ in. Traces. Price, \$20.00.

DOUBLE TEAM HARNESS.

No. 71 X. Bridles, $\frac{3}{4}$ in., Box Loops, square Patent Leather Blinds; Reins, $\frac{7}{8}$ in.; Hames, Red Wood, Brass Ball Top; Collars, all Kip Team; Traces, $1\frac{1}{2}$ in., Chain Ends; Pads, folded, with layer; Breeching, $2\frac{1}{4}$ in., folded, long Breeching Straps, Japanned. Price, \$35.00.

DUMP CART HARNESS.

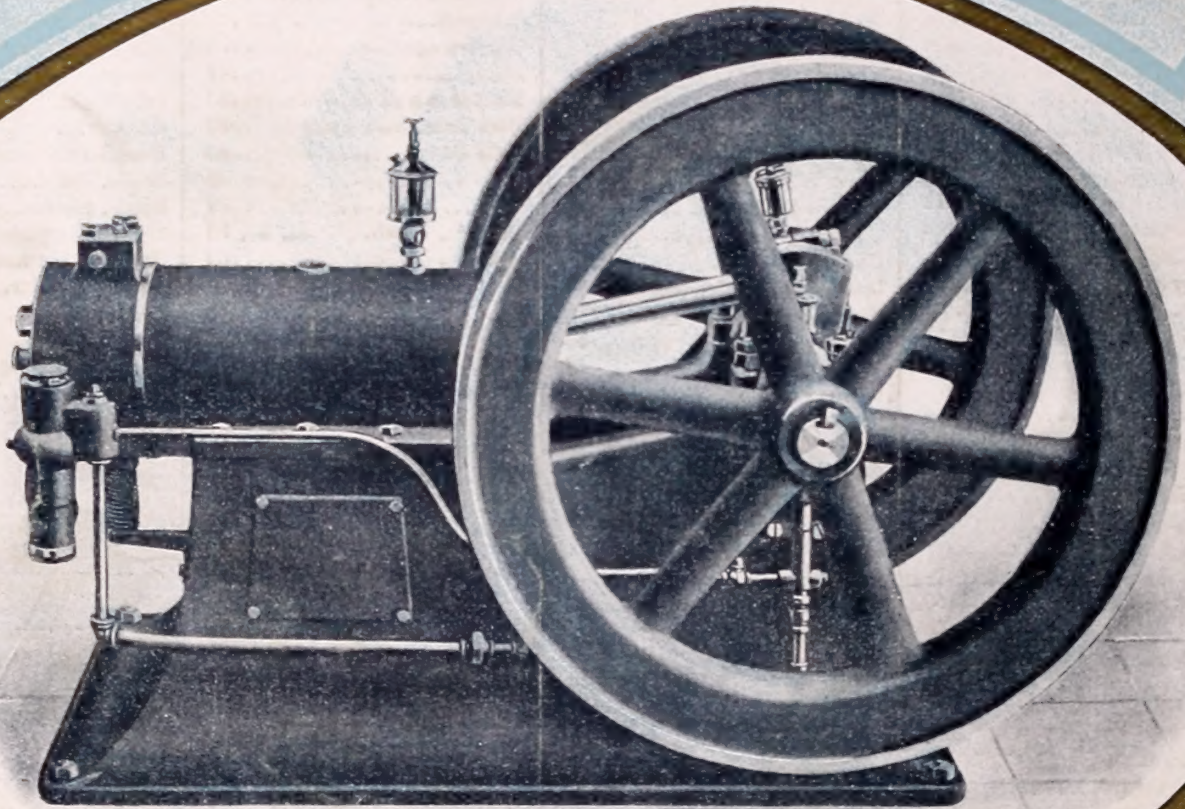
No. 81. Bridles, $\frac{7}{8}$ in., Pigeon Wing Blinds; Reins, 1 in.; Varnished Hook; Collar, all Kip Team; Saddle, Double Top, Full Pad, Leather Girth; Breeching, 3 in., Double Body, Double Hip Straps. Price, \$18.00.



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